

TestAmerica

THE LEADER IN ENVIRONMENTAL TESTING

ANALYTICAL REPORT

TestAmerica Laboratories, Inc.

TestAmerica Savannah

5102 LaRoche Avenue

Savannah, GA 31404

Tel: (912)354-7858

TestAmerica Job ID: 680-115501-1

Client Project/Site: Gold King Mine - Region 8

For:

Weston Solutions, Inc.

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Suite 100

Lakewood, Colorado 80215

Attn: Moira Pryhoda



Authorized for release by:

8/13/2015 2:26:01 PM

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This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Method Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Method	Method Description	Protocol	Laboratory
200.7 Rev 4.4	Metals (ICP)	EPA	TAL SAV
200.8	Metals (ICP/MS)	EPA	TAL SAV
2340B-2011	Total Hardness (as CaCO ₃) by calculation	SM	TAL SAV
245.1	Mercury (CVAA)	EPA	TAL SAV
2540 D-2011	Total Suspended Solids Dried at 103-105°C	SM	TAL SAV

Protocol References:

EPA = US Environmental Protection Agency

SM = "Standard Methods For The Examination Of Water And Wastewater",

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TestAmerica Savannah

Sample Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
680-115501-1	A68_081015	Water	08/10/15 16:15	08/12/15 09:46
680-115501-2	A72_081015	Water	08/10/15 17:00	08/12/15 09:46
680-115501-3	CC48_081015	Water	08/10/15 15:50	08/12/15 09:46
680-115501-4	GKMSW09_081015	Water	08/10/15 10:45	08/12/15 09:46
680-115501-5	GKMTW 36_081015	Water	08/10/15 14:00	08/12/15 09:46
680-115501-6	GKMTW22_081015	Water	08/10/15 09:29	08/12/15 09:46
680-115501-7	GKMTW23_081015	Water	08/10/15 11:40	08/12/15 09:46
680-115501-8	GKMTW24_081015	Water	08/10/15 12:15	08/12/15 09:46
680-115501-9	GKMTW25_081015	Water	08/10/15 12:44	08/12/15 09:46
680-115501-10	GKMTW26_081015	Water	08/10/15 14:40	08/12/15 09:46
680-115501-11	GKMTW27_081015	Water	08/10/15 15:20	08/12/15 09:46
680-115501-12	GKMTW28_081015	Water	08/10/15 15:56	08/12/15 09:46
680-115501-13	GKMTW29_081015	Water	08/10/15 16:53	08/12/15 09:46
680-115501-14	GKMTW31_081015	Water	08/10/15 09:30	08/12/15 09:46
680-115501-15	GKMTW32_081015	Water	08/10/15 10:00	08/12/15 09:46
680-115501-16	GKMTW33_081015	Water	08/10/15 10:30	08/12/15 09:46
680-115501-17	GKMTW34_081015	Water	08/10/15 11:15	08/12/15 09:46
680-115501-18	GKMTW35_081015	Water	08/10/15 11:30	08/12/15 09:46
680-115501-19	GKMTW37_081015	Water	08/10/15 14:00	08/12/15 09:46
680-115501-20	GKMTW38_081015	Water	08/10/15 16:00	08/12/15 09:46
680-115501-21	GKMTW39_081015	Water	08/10/15 17:00	08/12/15 09:46
680-115501-22	GKMTW40_081015	Water	08/10/15 17:30	08/12/15 09:46

TestAmerica Savannah

Definitions/Glossary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Qualifiers

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.
^	ICV,CCV,ICB,CCB, ISA, ISB, CRI, CRA, DLCK or MRL standard: Instrument related QC is outside acceptance limits.
B	Compound was found in the blank and sample.
E	Result exceeded calibration range.
4	MS, MSD: The analyte present in the original sample is greater than 4 times the matrix spike concentration; therefore, control limits are not applicable.

General Chemistry

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
□	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains no Free Liquid
DER	Duplicate error ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision level concentration
MDA	Minimum detectable activity
EDL	Estimated Detection Limit
MDC	Minimum detectable concentration
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative error ratio
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

TestAmerica Savannah

Case Narrative

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Job ID: 680-115501-1

Laboratory: TestAmerica Savannah

Narrative

CASE NARRATIVE

Client: Weston Solutions, Inc.

Project: Gold King Mine - Region 8

Report Number: 680-115501-1

With the exceptions noted as flags or footnotes, standard analytical protocols were followed in the analysis of the samples and no problems were encountered or anomalies observed. In addition all laboratory quality control samples were within established control limits, with any exceptions noted below. Each sample was analyzed to achieve the lowest possible reporting limit within the constraints of the method. In the event of interference or analytes present at high concentrations, samples may be diluted. For diluted samples, the reporting limits are adjusted relative to the dilution required.

RECEIPT

The samples were received on 08/12/2015; the samples arrived in good condition, properly preserved and on ice. The temperature of the coolers at receipt was 4.6° C and 5.8° C.

DISSOLVED METALS (ICP)

Samples A68_081015 (680-115501-1), A72_081015 (680-115501-2), CC48_081015 (680-115501-3) and GKMSW09_081015 (680-115501-4) were analyzed for dissolved metals (ICP) in accordance with EPA Method 200.7. The samples were prepared on 08/12/2015 and analyzed on 08/13/2015.

Calcium, Dissolved, Magnesium, Dissolved and Sodium, Dissolved failed the recovery criteria low for the MS of sample 680-115479-18 in batch 680-395943.

Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL METALS (ICP)

Samples A68_081015 (680-115501-1), A72_081015 (680-115501-2), CC48_081015 (680-115501-3), GKMSW09_081015 (680-115501-4), GKMTW 36_081015 (680-115501-5), GKMTW22_081015 (680-115501-6), GKMTW23_081015 (680-115501-7), GKMTW24_081015 (680-115501-8), GKMTW25_081015 (680-115501-9), GKMTW26_081015 (680-115501-10), GKMTW27_081015 (680-115501-11), GKMTW28_081015 (680-115501-12), GKMTW29_081015 (680-115501-13), GKMTW31_081015 (680-115501-14), GKMTW32_081015 (680-115501-15), GKMTW33_081015 (680-115501-16), GKMTW34_081015 (680-115501-17), GKMTW35_081015 (680-115501-18), GKMTW37_081015 (680-115501-19), GKMTW38_081015 (680-115501-20), GKMTW39_081015 (680-115501-21) and GKMTW40_081015 (680-115501-22) were analyzed for total metals (ICP) in accordance with EPA Method 200.7. The samples were prepared on 08/12/2015 and analyzed on 08/13/2015.

Calcium and Sodium failed the recovery criteria high for the MS of sample 680-115479-18 in batch 680-395943.

Calcium failed the recovery criteria high for the MSD of sample 680-115479-18 in batch 680-395943.

Calcium failed the recovery criteria low for the MSD of sample GKMTW24_081015MSD (680-115501-8) in batch 680-395943.

Calcium failed the recovery criteria low for the MS of sample GKMTW25_081015MS (680-115501-9) in batch 680-395943.

Calcium failed the recovery criteria high for the MSD of sample GKMTW25_081015MSD (680-115501-9) in batch 680-395943.

TestAmerica Savannah

Case Narrative

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Job ID: 680-115501-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

Refer to the QC report for details.

Samples GKMSW09_081015 (680-115501-4)[10X], GKMTW22_081015 (680-115501-6)[10X], GKMTW38_081015 (680-115501-20)[10X], GKMTW39_081015 (680-115501-21)[10X] and GKMTW40_081015 (680-115501-22)[10X] required dilution prior to analysis. The reporting limits have been adjusted accordingly.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DISSOLVED METALS (ICPMS)

Samples A68_081015 (680-115501-1), A72_081015 (680-115501-2), CC48_081015 (680-115501-3) and GKMSW09_081015 (680-115501-4) were analyzed for dissolved metals (ICPMS) in accordance with EPA Method 200.8. The samples were prepared on 08/12/2015 and analyzed on 08/13/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL METALS (ICPMS)

Samples A68_081015 (680-115501-1), A72_081015 (680-115501-2), CC48_081015 (680-115501-3), GKMSW09_081015 (680-115501-4), GKMTW 36_081015 (680-115501-5), GKMTW22_081015 (680-115501-6), GKMTW23_081015 (680-115501-7), GKMTW24_081015 (680-115501-8), GKMTW25_081015 (680-115501-9), GKMTW26_081015 (680-115501-10), GKMTW27_081015 (680-115501-11), GKMTW28_081015 (680-115501-12), GKMTW29_081015 (680-115501-13), GKMTW31_081015 (680-115501-14), GKMTW32_081015 (680-115501-15), GKMTW33_081015 (680-115501-16), GKMTW34_081015 (680-115501-17), GKMTW35_081015 (680-115501-18), GKMTW37_081015 (680-115501-19), GKMTW38_081015 (680-115501-20), GKMTW39_081015 (680-115501-21) and GKMTW40_081015 (680-115501-22) were analyzed for total metals (ICPMS) in accordance with EPA Method 200.8. The samples were prepared on 08/12/2015 and analyzed on 08/13/2015.

Selenium was detected in method blank MB 680-395745/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged. Selenium, Dissolved was detected in method blank MB 680-395798/1-A at a level that was above the method detection limit but below the reporting limit. The value should be considered an estimate, and has been flagged. If the associated sample reported a result above the MDL and/or RL, the result has been flagged.

The presence of the '4' qualifier indicates analytes where the concentration in the unspiked sample exceeded four times the spiking amount.

Refer to the QC report for details.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

DISSOLVED MERCURY (CVAA)

Samples A68_081015 (680-115501-1), A72_081015 (680-115501-2), CC48_081015 (680-115501-3) and GKMSW09_081015 (680-115501-4) were analyzed for dissolved mercury (CVAA) in accordance with EPA Method 245.1. The samples were prepared on 08/12/2015 and analyzed on 08/13/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL MERCURY

Samples A68_081015 (680-115501-1), A72_081015 (680-115501-2), CC48_081015 (680-115501-3), GKMSW09_081015 (680-115501-4), GKMTW 36_081015 (680-115501-5), GKMTW22_081015 (680-115501-6), GKMTW23_081015 (680-115501-7), GKMTW24_081015 (680-115501-8), GKMTW25_081015 (680-115501-9), GKMTW26_081015 (680-115501-10), GKMTW27_081015 (680-115501-11), GKMTW28_081015 (680-115501-12), GKMTW29_081015 (680-115501-13), GKMTW31_081015 (680-115501-14), GKMTW32_081015 (680-115501-15), GKMTW33_081015 (680-115501-16), GKMTW34_081015 (680-115501-17), GKMTW35_081015 (680-115501-18), GKMTW37_081015 (680-115501-19), GKMTW38_081015 (680-115501-20), GKMTW39_081015 (680-115501-21) and GKMTW40_081015 (680-115501-22) were analyzed for total mercury in accordance with EPA Method 245.1. The samples were prepared on 08/12/2015 and analyzed on 08/13/2015.

Case Narrative

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Job ID: 680-115501-1 (Continued)

Laboratory: TestAmerica Savannah (Continued)

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL SUSPENDED SOLIDS

Samples A68_081015 (680-115501-1), A72_081015 (680-115501-2), CC48_081015 (680-115501-3) and GKMSW09_081015 (680-115501-4) were analyzed for total suspended solids in accordance with SM 2540D. The samples were analyzed on 08/12/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

TOTAL HARDNESS (AS CaCO3) BY CALCULATION

Samples A68_081015 (680-115501-1), A72_081015 (680-115501-2), CC48_081015 (680-115501-3), GKMSW09_081015 (680-115501-4), GKMTW 36_081015 (680-115501-5), GKMTW22_081015 (680-115501-6), GKMTW23_081015 (680-115501-7), GKMTW24_081015 (680-115501-8), GKMTW25_081015 (680-115501-9), GKMTW26_081015 (680-115501-10), GKMTW27_081015 (680-115501-11), GKMTW28_081015 (680-115501-12), GKMTW29_081015 (680-115501-13), GKMTW31_081015 (680-115501-14), GKMTW32_081015 (680-115501-15), GKMTW33_081015 (680-115501-16), GKMTW34_081015 (680-115501-17), GKMTW35_081015 (680-115501-18), GKMTW37_081015 (680-115501-19), GKMTW38_081015 (680-115501-20), GKMTW39_081015 (680-115501-21) and GKMTW40_081015 (680-115501-22) were analyzed for total hardness (as CaCO₃) by calculation in accordance with SM 2340B. The samples were analyzed on 08/13/2015.

No analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: A68_081015

Lab Sample ID: 680-115501-1

Date Collected: 08/10/15 16:15

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	85	J	200	24	ug/L		08/12/15 17:28	08/13/15 06:13	1
Calcium	44000		500	25	ug/L		08/12/15 17:28	08/13/15 06:13	1
Iron	110		50	17	ug/L		08/12/15 17:28	08/13/15 06:13	1
Magnesium	2700		500	33	ug/L		08/12/15 17:28	08/13/15 06:13	1
Potassium	590	J	1000	17	ug/L		08/12/15 17:28	08/13/15 06:13	1
Sodium	1700		1000	480	ug/L		08/12/15 17:28	08/13/15 06:13	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	49	J	200	24	ug/L		08/12/15 17:28	08/13/15 08:01	1
Calcium, Dissolved	42000		500	25	ug/L		08/12/15 17:28	08/13/15 08:01	1
Iron, Dissolved	17	U	50	17	ug/L		08/12/15 17:28	08/13/15 08:01	1
Potassium, Dissolved	540	J	1000	17	ug/L		08/12/15 17:28	08/13/15 08:01	1
Magnesium, Dissolved	2500		500	33	ug/L		08/12/15 17:28	08/13/15 08:01	1
Sodium, Dissolved	1600		1000	480	ug/L		08/12/15 17:28	08/13/15 08:01	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/12/15 17:28	08/13/15 08:07	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/12/15 17:28	08/13/15 08:07	1
Barium	23		2.0	0.14	ug/L		08/12/15 17:28	08/13/15 08:07	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/12/15 17:28	08/13/15 08:07	1
Cadmium	0.70		0.10	0.043	ug/L		08/12/15 17:28	08/13/15 08:07	1
Chromium	1.0	U	2.0	1.0	ug/L		08/12/15 17:28	08/13/15 08:07	1
Cobalt	0.36	J	0.40	0.12	ug/L		08/12/15 17:28	08/13/15 08:07	1
Copper	4.7		1.0	0.50	ug/L		08/12/15 17:28	08/13/15 08:07	1
Lead	1.7		0.30	0.060	ug/L		08/12/15 17:28	08/13/15 08:07	1
Manganese	690		2.5	1.2	ug/L		08/12/15 17:28	08/13/15 08:07	1
Nickel	0.91	J	1.0	0.40	ug/L		08/12/15 17:28	08/13/15 08:07	1
Selenium	1.1	J ^	2.0	0.58	ug/L		08/12/15 17:28	08/13/15 08:07	1
Silver	0.10	U	1.0	0.10	ug/L		08/12/15 17:28	08/13/15 08:07	1
Thallium	0.10	U	0.20	0.10	ug/L		08/12/15 17:28	08/13/15 08:07	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/12/15 17:28	08/13/15 08:07	1
Zinc	200		20	2.8	ug/L		08/12/15 17:28	08/13/15 08:07	1
Molybdenum	1.6		1.0	0.45	ug/L		08/12/15 17:28	08/13/15 08:07	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 17:28	08/13/15 09:53	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/12/15 17:28	08/13/15 09:53	1
Barium, Dissolved	21		2.0	0.14	ug/L		08/12/15 17:28	08/13/15 09:53	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/12/15 17:28	08/13/15 09:53	1
Cadmium, Dissolved	0.80		0.10	0.043	ug/L		08/12/15 17:28	08/13/15 09:53	1
Cobalt, Dissolved	0.67		0.40	0.12	ug/L		08/12/15 17:28	08/13/15 09:53	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/12/15 17:28	08/13/15 09:53	1
Copper, Dissolved	2.4		1.0	0.50	ug/L		08/12/15 17:28	08/13/15 09:53	1
Manganese, Dissolved	660		2.5	1.2	ug/L		08/12/15 17:28	08/13/15 09:53	1
Molybdenum, Dissolved	1.7		1.0	0.45	ug/L		08/12/15 17:28	08/13/15 09:53	1
Nickel, Dissolved	1.0		1.0	0.40	ug/L		08/12/15 17:28	08/13/15 09:53	1
Lead, Dissolved	0.068	J	0.30	0.060	ug/L		08/12/15 17:28	08/13/15 09:53	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: A68_081015

Lab Sample ID: 680-115501-1

Date Collected: 08/10/15 16:15

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/12/15 17:28	08/13/15 09:53	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/12/15 17:28	08/13/15 09:53	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/12/15 17:28	08/13/15 09:53	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/12/15 17:28	08/13/15 09:53	1
Zinc, Dissolved	170		20	2.8	ug/L		08/12/15 17:28	08/13/15 09:53	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	120		3.3	3.3	mg/L			08/13/15 12:13	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:23	08/13/15 09:50	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:23	08/13/15 09:28	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	1.4		1.0	1.0	mg/L			08/12/15 14:02	1

Client Sample ID: A72_081015

Lab Sample ID: 680-115501-2

Date Collected: 08/10/15 17:00

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	1500		200	24	ug/L		08/12/15 17:28	08/13/15 06:17	1
Calcium	63000		500	25	ug/L		08/12/15 17:28	08/13/15 06:17	1
Iron	2600		50	17	ug/L		08/12/15 17:28	08/13/15 06:17	1
Magnesium	4200		500	33	ug/L		08/12/15 17:28	08/13/15 06:17	1
Potassium	740	J	1000	17	ug/L		08/12/15 17:28	08/13/15 06:17	1
Sodium	2300		1000	480	ug/L		08/12/15 17:28	08/13/15 06:17	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	24	U	200	24	ug/L		08/12/15 17:36	08/13/15 08:05	1
Calcium, Dissolved	56000		500	25	ug/L		08/12/15 17:36	08/13/15 08:05	1
Iron, Dissolved	700		50	17	ug/L		08/12/15 17:36	08/13/15 08:05	1
Potassium, Dissolved	650	J	1000	17	ug/L		08/12/15 17:36	08/13/15 08:05	1
Magnesium, Dissolved	3700		500	33	ug/L		08/12/15 17:36	08/13/15 08:05	1
Sodium, Dissolved	2000		1000	480	ug/L		08/12/15 17:36	08/13/15 08:05	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/12/15 17:28	08/13/15 08:11	1
Arsenic	0.89	J	1.0	0.37	ug/L		08/12/15 17:28	08/13/15 08:11	1
Barium	24		2.0	0.14	ug/L		08/12/15 17:28	08/13/15 08:11	1
Beryllium	0.27	J	0.40	0.15	ug/L		08/12/15 17:28	08/13/15 08:11	1
Cadmium	1.7		0.10	0.043	ug/L		08/12/15 17:28	08/13/15 08:11	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: A72_081015

Lab Sample ID: 680-115501-2

Date Collected: 08/10/15 17:00

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	1.0	U	2.0	1.0	ug/L		08/12/15 17:28	08/13/15 08:11	1
Cobalt	5.0		0.40	0.12	ug/L		08/12/15 17:28	08/13/15 08:11	1
Copper	55		1.0	0.50	ug/L		08/12/15 17:28	08/13/15 08:11	1
Lead	8.3		0.30	0.060	ug/L		08/12/15 17:28	08/13/15 08:11	1
Manganese	1000		2.5	1.2	ug/L		08/12/15 17:28	08/13/15 08:11	1
Nickel	3.7		1.0	0.40	ug/L		08/12/15 17:28	08/13/15 08:11	1
Selenium	0.88	J ^	2.0	0.58	ug/L		08/12/15 17:28	08/13/15 08:11	1
Silver	0.10	U	1.0	0.10	ug/L		08/12/15 17:28	08/13/15 08:11	1
Thallium	0.10	U	0.20	0.10	ug/L		08/12/15 17:28	08/13/15 08:11	1
Vanadium	0.31	J	1.0	0.30	ug/L		08/12/15 17:28	08/13/15 08:11	1
Zinc	490		20	2.8	ug/L		08/12/15 17:28	08/13/15 08:11	1
Molybdenum	0.83	J	1.0	0.45	ug/L		08/12/15 17:28	08/13/15 08:11	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 17:36	08/13/15 09:57	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/12/15 17:36	08/13/15 09:57	1
Barium, Dissolved	21		2.0	0.14	ug/L		08/12/15 17:36	08/13/15 09:57	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/12/15 17:36	08/13/15 09:57	1
Cadmium, Dissolved	1.5		0.10	0.043	ug/L		08/12/15 17:36	08/13/15 09:57	1
Cobalt, Dissolved	4.5		0.40	0.12	ug/L		08/12/15 17:36	08/13/15 09:57	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/12/15 17:36	08/13/15 09:57	1
Copper, Dissolved	9.8		1.0	0.50	ug/L		08/12/15 17:36	08/13/15 09:57	1
Manganese, Dissolved	920		2.5	1.2	ug/L		08/12/15 17:36	08/13/15 09:57	1
Molybdenum, Dissolved	0.81	J	1.0	0.45	ug/L		08/12/15 17:36	08/13/15 09:57	1
Nickel, Dissolved	3.5		1.0	0.40	ug/L		08/12/15 17:36	08/13/15 09:57	1
Lead, Dissolved	0.062	J	0.30	0.060	ug/L		08/12/15 17:36	08/13/15 09:57	1
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/12/15 17:36	08/13/15 09:57	1
Selenium, Dissolved	0.58	U	2.0	0.58	ug/L		08/12/15 17:36	08/13/15 09:57	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/12/15 17:36	08/13/15 09:57	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/12/15 17:36	08/13/15 09:57	1
Zinc, Dissolved	400		20	2.8	ug/L		08/12/15 17:36	08/13/15 09:57	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	180		3.3	3.3	mg/L			08/13/15 12:13	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:23	08/13/15 09:54	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:23	08/13/15 09:32	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	20		2.5	2.5	mg/L			08/12/15 14:02	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: CC48_081015

Lab Sample ID: 680-115501-3

Date Collected: 08/10/15 15:50

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	7800		200	24	ug/L		08/12/15 17:28	08/13/15 06:22	1
Calcium	170000		500	25	ug/L		08/12/15 17:28	08/13/15 06:22	1
Iron	16000		50	17	ug/L		08/12/15 17:28	08/13/15 06:22	1
Magnesium	10000		500	33	ug/L		08/12/15 17:28	08/13/15 06:22	1
Potassium	1800		1000	17	ug/L		08/12/15 17:28	08/13/15 06:22	1
Sodium	3700		1000	480	ug/L		08/12/15 17:28	08/13/15 06:22	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	7000		200	24	ug/L		08/12/15 17:36	08/13/15 08:10	1
Calcium, Dissolved	160000		500	25	ug/L		08/12/15 17:36	08/13/15 08:10	1
Iron, Dissolved	11000		50	17	ug/L		08/12/15 17:36	08/13/15 08:10	1
Potassium, Dissolved	1600		1000	17	ug/L		08/12/15 17:36	08/13/15 08:10	1
Magnesium, Dissolved	9300		500	33	ug/L		08/12/15 17:36	08/13/15 08:10	1
Sodium, Dissolved	3500		1000	480	ug/L		08/12/15 17:36	08/13/15 08:10	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/12/15 17:28	08/13/15 08:15	1
Arsenic	5.2		1.0	0.37	ug/L		08/12/15 17:28	08/13/15 08:15	1
Barium	17		2.0	0.14	ug/L		08/12/15 17:28	08/13/15 08:15	1
Beryllium	1.8		0.40	0.15	ug/L		08/12/15 17:28	08/13/15 08:15	1
Cadmium	9.2		0.10	0.043	ug/L		08/12/15 17:28	08/13/15 08:15	1
Chromium	1.0	U	2.0	1.0	ug/L		08/12/15 17:28	08/13/15 08:15	1
Cobalt	28		0.40	0.12	ug/L		08/12/15 17:28	08/13/15 08:15	1
Copper	440		1.0	0.50	ug/L		08/12/15 17:28	08/13/15 08:15	1
Lead	43		0.30	0.060	ug/L		08/12/15 17:28	08/13/15 08:15	1
Manganese	5300	E	2.5	1.2	ug/L		08/12/15 17:28	08/13/15 08:15	1
Nickel	18		1.0	0.40	ug/L		08/12/15 17:28	08/13/15 08:15	1
Selenium	0.61	J ^	2.0	0.58	ug/L		08/12/15 17:28	08/13/15 08:15	1
Silver	0.10	U	1.0	0.10	ug/L		08/12/15 17:28	08/13/15 08:15	1
Thallium	0.18	J	0.20	0.10	ug/L		08/12/15 17:28	08/13/15 08:15	1
Vanadium	2.8		1.0	0.30	ug/L		08/12/15 17:28	08/13/15 08:15	1
Zinc	3000		20	2.8	ug/L		08/12/15 17:28	08/13/15 08:15	1
Molybdenum	0.49	J	1.0	0.45	ug/L		08/12/15 17:28	08/13/15 08:15	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 17:36	08/13/15 10:01	1
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/12/15 17:36	08/13/15 10:01	1
Barium, Dissolved	15		2.0	0.14	ug/L		08/12/15 17:36	08/13/15 10:01	1
Beryllium, Dissolved	1.6		0.40	0.15	ug/L		08/12/15 17:36	08/13/15 10:01	1
Cadmium, Dissolved	8.4		0.10	0.043	ug/L		08/12/15 17:36	08/13/15 10:01	1
Cobalt, Dissolved	26		0.40	0.12	ug/L		08/12/15 17:36	08/13/15 10:01	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/12/15 17:36	08/13/15 10:01	1
Copper, Dissolved	400		1.0	0.50	ug/L		08/12/15 17:36	08/13/15 10:01	1
Manganese, Dissolved	4900	E	2.5	1.2	ug/L		08/12/15 17:36	08/13/15 10:01	1
Molybdenum, Dissolved	0.45	U	1.0	0.45	ug/L		08/12/15 17:36	08/13/15 10:01	1
Nickel, Dissolved	17		1.0	0.40	ug/L		08/12/15 17:36	08/13/15 10:01	1
Lead, Dissolved	28		0.30	0.060	ug/L		08/12/15 17:36	08/13/15 10:01	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: CC48_081015

Lab Sample ID: 680-115501-3

Date Collected: 08/10/15 15:50

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.8 - Metals (ICP/MS) - Dissolved (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/12/15 17:36	08/13/15 10:01	1
Selenium, Dissolved	0.69	J B	2.0	0.58	ug/L		08/12/15 17:36	08/13/15 10:01	1
Thallium, Dissolved	0.18	J	0.20	0.10	ug/L		08/12/15 17:36	08/13/15 10:01	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/12/15 17:36	08/13/15 10:01	1
Zinc, Dissolved	2700		20	2.8	ug/L		08/12/15 17:36	08/13/15 10:01	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	480		3.3	3.3	mg/L			08/13/15 12:13	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:23	08/13/15 09:57	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:23	08/13/15 09:35	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	47		3.3	3.3	mg/L			08/12/15 14:02	1

Client Sample ID: GKMSW09_081015

Lab Sample ID: 680-115501-4

Date Collected: 08/10/15 10:45

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	38000		200	24	ug/L		08/12/15 17:28	08/13/15 06:35	1
Calcium	380000		500	25	ug/L		08/12/15 17:28	08/13/15 06:35	1
Iron	190000		50	17	ug/L		08/12/15 17:28	08/13/15 06:35	1
Magnesium	28000		5000	330	ug/L		08/12/15 17:28	08/13/15 10:47	10
Potassium	2900		1000	17	ug/L		08/12/15 17:28	08/13/15 06:35	1
Sodium	4000		1000	480	ug/L		08/12/15 17:28	08/13/15 06:35	1

Method: 200.7 Rev 4.4 - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum, Dissolved	35000		200	24	ug/L		08/12/15 17:39	08/13/15 08:23	1
Calcium, Dissolved	380000		500	25	ug/L		08/12/15 17:39	08/13/15 08:23	1
Iron, Dissolved	120000		50	17	ug/L		08/12/15 17:39	08/13/15 08:23	1
Potassium, Dissolved	2700		1000	17	ug/L		08/12/15 17:39	08/13/15 08:23	1
Magnesium, Dissolved	33000		5000	330	ug/L		08/12/15 17:39	08/13/15 10:51	10
Sodium, Dissolved	3900		1000	480	ug/L		08/12/15 17:39	08/13/15 08:23	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	4.3		1.0	0.40	ug/L		08/12/15 17:28	08/13/15 08:19	1
Arsenic	49		1.0	0.37	ug/L		08/12/15 17:28	08/13/15 08:19	1
Barium	9.5		2.0	0.14	ug/L		08/12/15 17:28	08/13/15 08:19	1
Beryllium	11		0.40	0.15	ug/L		08/12/15 17:28	08/13/15 08:19	1
Cadmium	67		0.10	0.043	ug/L		08/12/15 17:28	08/13/15 08:19	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: GKMSW09_081015

Lab Sample ID: 680-115501-4

Date Collected: 08/10/15 10:45

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chromium	5.7		2.0	1.0	ug/L		08/12/15 17:28	08/13/15 08:19	1
Cobalt	120		0.40	0.12	ug/L		08/12/15 17:28	08/13/15 08:19	1
Copper	6300	E	1.0	0.50	ug/L		08/12/15 17:28	08/13/15 08:19	1
Lead	51		0.30	0.060	ug/L		08/12/15 17:28	08/13/15 08:19	1
Manganese	34000	E	2.5	1.2	ug/L		08/12/15 17:28	08/13/15 08:19	1
Nickel	74		1.0	0.40	ug/L		08/12/15 17:28	08/13/15 08:19	1
Selenium	2.5	^	2.0	0.58	ug/L		08/12/15 17:28	08/13/15 08:19	1
Silver	0.15	J	1.0	0.10	ug/L		08/12/15 17:28	08/13/15 08:19	1
Thallium	0.33		0.20	0.10	ug/L		08/12/15 17:28	08/13/15 08:19	1
Vanadium	44		1.0	0.30	ug/L		08/12/15 17:28	08/13/15 08:19	1
Zinc	27000	E	20	2.8	ug/L		08/12/15 17:28	08/13/15 08:19	1
Molybdenum	4.8		1.0	0.45	ug/L		08/12/15 17:28	08/13/15 08:19	1

Method: 200.8 - Metals (ICP/MS) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 17:39	08/13/15 10:05	1
Arsenic, Dissolved	3.7		1.0	0.37	ug/L		08/12/15 17:39	08/13/15 10:05	1
Barium, Dissolved	8.9		2.0	0.14	ug/L		08/12/15 17:39	08/13/15 10:05	1
Beryllium, Dissolved	11		0.40	0.15	ug/L		08/12/15 17:39	08/13/15 10:05	1
Cadmium, Dissolved	65		0.10	0.043	ug/L		08/12/15 17:39	08/13/15 10:05	1
Cobalt, Dissolved	110		0.40	0.12	ug/L		08/12/15 17:39	08/13/15 10:05	1
Chromium, Dissolved	2.7		2.0	1.0	ug/L		08/12/15 17:39	08/13/15 10:05	1
Copper, Dissolved	6000	E	1.0	0.50	ug/L		08/12/15 17:39	08/13/15 10:05	1
Manganese, Dissolved	33000	E	2.5	1.2	ug/L		08/12/15 17:39	08/13/15 10:05	1
Molybdenum, Dissolved	0.84	J	1.0	0.45	ug/L		08/12/15 17:39	08/13/15 10:05	1
Nickel, Dissolved	72		1.0	0.40	ug/L		08/12/15 17:39	08/13/15 10:05	1
Lead, Dissolved	32		0.30	0.060	ug/L		08/12/15 17:39	08/13/15 10:05	1
Antimony, Dissolved	0.50	J	1.0	0.40	ug/L		08/12/15 17:39	08/13/15 10:05	1
Selenium, Dissolved	1.7	J B	2.0	0.58	ug/L		08/12/15 17:39	08/13/15 10:05	1
Thallium, Dissolved	0.32		0.20	0.10	ug/L		08/12/15 17:39	08/13/15 10:05	1
Vanadium, Dissolved	2.0		1.0	0.30	ug/L		08/12/15 17:39	08/13/15 10:05	1
Zinc, Dissolved	25000	E	20	2.8	ug/L		08/12/15 17:39	08/13/15 10:05	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	1100		3.3	3.3	mg/L			08/13/15 12:13	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:23	08/13/15 10:13	1

Method: 245.1 - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:23	08/13/15 09:38	1

General Chemistry

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	66		3.3	3.3	mg/L			08/12/15 14:02	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: GKMTW 36_081015

Lab Sample ID: 680-115501-5

Date Collected: 08/10/15 14:00

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/12/15 15:04	08/13/15 04:20	1
Calcium	74000		500	25	ug/L		08/12/15 15:04	08/13/15 04:20	1
Iron	17	U	50	17	ug/L		08/12/15 15:04	08/13/15 04:20	1
Magnesium	8900		500	33	ug/L		08/12/15 15:04	08/13/15 04:20	1
Potassium	1200		1000	17	ug/L		08/12/15 15:04	08/13/15 04:20	1
Sodium	7300		1000	480	ug/L		08/12/15 15:04	08/13/15 04:20	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 01:16	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/12/15 15:04	08/13/15 01:16	1
Barium	11		2.0	0.14	ug/L		08/12/15 15:04	08/13/15 01:16	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/12/15 15:04	08/13/15 01:16	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/12/15 15:04	08/13/15 01:16	1
Chromium	1.0	U	2.0	1.0	ug/L		08/12/15 15:04	08/13/15 01:16	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/12/15 15:04	08/13/15 01:16	1
Copper	4.5		1.0	0.50	ug/L		08/12/15 15:04	08/13/15 01:16	1
Lead	0.060	U	0.30	0.060	ug/L		08/12/15 15:04	08/13/15 01:16	1
Manganese	2.3	J	2.5	1.2	ug/L		08/12/15 15:04	08/13/15 01:16	1
Nickel	0.89	J	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 01:16	1
Selenium	0.58	U	2.0	0.58	ug/L		08/12/15 15:04	08/13/15 01:16	1
Silver	0.10	U	1.0	0.10	ug/L		08/12/15 15:04	08/13/15 01:16	1
Thallium	0.10	U	0.20	0.10	ug/L		08/12/15 15:04	08/13/15 01:16	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/12/15 15:04	08/13/15 01:16	1
Zinc	6.3	J	20	2.8	ug/L		08/12/15 15:04	08/13/15 01:16	1
Molybdenum	0.90	J	1.0	0.45	ug/L		08/12/15 15:04	08/13/15 01:16	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	220		3.3	3.3	mg/L			08/13/15 12:09	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:16	08/13/15 11:58	1

Client Sample ID: GKMTW22_081015

Lab Sample ID: 680-115501-6

Date Collected: 08/10/15 09:29

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	J	200	24	ug/L		08/12/15 15:04	08/13/15 05:23	1
Calcium	4900		500	25	ug/L		08/12/15 15:04	08/13/15 05:23	1
Iron	27	J	50	17	ug/L		08/12/15 15:04	08/13/15 05:23	1
Magnesium	180	J	500	33	ug/L		08/12/15 15:04	08/13/15 05:23	1
Potassium	340	J	1000	17	ug/L		08/12/15 15:04	08/13/15 05:23	1
Sodium	130000		10000	4800	ug/L		08/12/15 15:04	08/13/15 10:35	10

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 02:12	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: GKMTW22_081015

Lab Sample ID: 680-115501-6

Date Collected: 08/10/15 09:29

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.46	J	1.0	0.37	ug/L		08/12/15 15:04	08/13/15 02:12	1
Barium	31		2.0	0.14	ug/L		08/12/15 15:04	08/13/15 02:12	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/12/15 15:04	08/13/15 02:12	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/12/15 15:04	08/13/15 02:12	1
Chromium	1.0	U	2.0	1.0	ug/L		08/12/15 15:04	08/13/15 02:12	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/12/15 15:04	08/13/15 02:12	1
Copper	2.7		1.0	0.50	ug/L		08/12/15 15:04	08/13/15 02:12	1
Lead	0.13	J	0.30	0.060	ug/L		08/12/15 15:04	08/13/15 02:12	1
Manganese	7.5		2.5	1.2	ug/L		08/12/15 15:04	08/13/15 02:12	1
Nickel	0.40	U	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 02:12	1
Selenium	0.76	J B	2.0	0.58	ug/L		08/12/15 15:04	08/13/15 02:12	1
Silver	0.10	U	1.0	0.10	ug/L		08/12/15 15:04	08/13/15 02:12	1
Thallium	0.10	U	0.20	0.10	ug/L		08/12/15 15:04	08/13/15 02:12	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/12/15 15:04	08/13/15 02:12	1
Zinc	2.8	U	20	2.8	ug/L		08/12/15 15:04	08/13/15 02:12	1
Molybdenum	11		1.0	0.45	ug/L		08/12/15 15:04	08/13/15 02:12	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	13		3.3	3.3	mg/L			08/13/15 12:13	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:16	08/13/15 12:48	1

Client Sample ID: GKMTW23_081015

Lab Sample ID: 680-115501-7

Date Collected: 08/10/15 11:40

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/12/15 15:04	08/13/15 05:14	1
Calcium	63000		500	25	ug/L		08/12/15 15:04	08/13/15 05:14	1
Iron	210		50	17	ug/L		08/12/15 15:04	08/13/15 05:14	1
Magnesium	13000		500	33	ug/L		08/12/15 15:04	08/13/15 05:14	1
Potassium	2600		1000	17	ug/L		08/12/15 15:04	08/13/15 05:14	1
Sodium	7600		1000	480	ug/L		08/12/15 15:04	08/13/15 05:14	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 02:04	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/12/15 15:04	08/13/15 02:04	1
Barium	26		2.0	0.14	ug/L		08/12/15 15:04	08/13/15 02:04	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/12/15 15:04	08/13/15 02:04	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/12/15 15:04	08/13/15 02:04	1
Chromium	1.0	U	2.0	1.0	ug/L		08/12/15 15:04	08/13/15 02:04	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/12/15 15:04	08/13/15 02:04	1
Copper	3.5		1.0	0.50	ug/L		08/12/15 15:04	08/13/15 02:04	1
Lead	0.49		0.30	0.060	ug/L		08/12/15 15:04	08/13/15 02:04	1
Manganese	2.1	J	2.5	1.2	ug/L		08/12/15 15:04	08/13/15 02:04	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: GKMTW23_081015

Lab Sample ID: 680-115501-7

Date Collected: 08/10/15 11:40

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	0.63	J	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 02:04	1
Selenium	0.58	U	2.0	0.58	ug/L		08/12/15 15:04	08/13/15 02:04	1
Silver	0.10	U	1.0	0.10	ug/L		08/12/15 15:04	08/13/15 02:04	1
Thallium	0.10	U	0.20	0.10	ug/L		08/12/15 15:04	08/13/15 02:04	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/12/15 15:04	08/13/15 02:04	1
Zinc	7.2	J	20	2.8	ug/L		08/12/15 15:04	08/13/15 02:04	1
Molybdenum	0.65	J	1.0	0.45	ug/L		08/12/15 15:04	08/13/15 02:04	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	210		3.3	3.3	mg/L			08/13/15 12:09	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:16	08/13/15 12:35	1

Client Sample ID: GKMTW24_081015

Lab Sample ID: 680-115501-8

Date Collected: 08/10/15 12:15

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/12/15 15:04	08/13/15 03:58	1
Calcium	160000		500	25	ug/L		08/12/15 15:04	08/13/15 03:58	1
Iron	600		50	17	ug/L		08/12/15 15:04	08/13/15 03:58	1
Magnesium	15000		500	33	ug/L		08/12/15 15:04	08/13/15 03:58	1
Potassium	1400		1000	17	ug/L		08/12/15 15:04	08/13/15 03:58	1
Sodium	6600		1000	480	ug/L		08/12/15 15:04	08/13/15 03:58	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 00:55	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/12/15 15:04	08/13/15 00:55	1
Barium	11		2.0	0.14	ug/L		08/12/15 15:04	08/13/15 00:55	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/12/15 15:04	08/13/15 00:55	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/12/15 15:04	08/13/15 00:55	1
Chromium	1.0	U	2.0	1.0	ug/L		08/12/15 15:04	08/13/15 00:55	1
Cobalt	0.19	J	0.40	0.12	ug/L		08/12/15 15:04	08/13/15 00:55	1
Copper	1.3		1.0	0.50	ug/L		08/12/15 15:04	08/13/15 00:55	1
Lead	0.085	J	0.30	0.060	ug/L		08/12/15 15:04	08/13/15 00:55	1
Manganese	5.1		2.5	1.2	ug/L		08/12/15 15:04	08/13/15 00:55	1
Nickel	1.5		1.0	0.40	ug/L		08/12/15 15:04	08/13/15 00:55	1
Selenium	0.98	J B	2.0	0.58	ug/L		08/12/15 15:04	08/13/15 00:55	1
Silver	0.10	U	1.0	0.10	ug/L		08/12/15 15:04	08/13/15 00:55	1
Thallium	0.10	U	0.20	0.10	ug/L		08/12/15 15:04	08/13/15 00:55	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/12/15 15:04	08/13/15 00:55	1
Zinc	11	J	20	2.8	ug/L		08/12/15 15:04	08/13/15 00:55	1
Molybdenum	3.1		1.0	0.45	ug/L		08/12/15 15:04	08/13/15 00:55	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: GKMTW24_081015

Lab Sample ID: 680-115501-8

Date Collected: 08/10/15 12:15

Matrix: Water

Date Received: 08/12/15 09:46

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	460		3.3	3.3	mg/L			08/13/15 12:09	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:23	08/13/15 09:25	1

Client Sample ID: GKMTW25_081015

Lab Sample ID: 680-115501-9

Date Collected: 08/10/15 12:44

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/12/15 15:04	08/13/15 03:35	1
Calcium	70000		500	25	ug/L		08/12/15 15:04	08/13/15 03:35	1
Iron	17	U	50	17	ug/L		08/12/15 15:04	08/13/15 03:35	1
Magnesium	14000		500	33	ug/L		08/12/15 15:04	08/13/15 03:35	1
Potassium	1600		1000	17	ug/L		08/12/15 15:04	08/13/15 03:35	1
Sodium	3700		1000	480	ug/L		08/12/15 15:04	08/13/15 03:35	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 00:35	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/12/15 15:04	08/13/15 00:35	1
Barium	40		2.0	0.14	ug/L		08/12/15 15:04	08/13/15 00:35	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/12/15 15:04	08/13/15 00:35	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/12/15 15:04	08/13/15 00:35	1
Chromium	1.0	U	2.0	1.0	ug/L		08/12/15 15:04	08/13/15 00:35	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/12/15 15:04	08/13/15 00:35	1
Copper	21		1.0	0.50	ug/L		08/12/15 15:04	08/13/15 00:35	1
Lead	0.10	J	0.30	0.060	ug/L		08/12/15 15:04	08/13/15 00:35	1
Manganese	1.2	U	2.5	1.2	ug/L		08/12/15 15:04	08/13/15 00:35	1
Nickel	0.85	J	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 00:35	1
Selenium	0.58	U	2.0	0.58	ug/L		08/12/15 15:04	08/13/15 00:35	1
Silver	0.10	U	1.0	0.10	ug/L		08/12/15 15:04	08/13/15 00:35	1
Thallium	0.10	U	0.20	0.10	ug/L		08/12/15 15:04	08/13/15 00:35	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/12/15 15:04	08/13/15 00:35	1
Zinc	96		20	2.8	ug/L		08/12/15 15:04	08/13/15 00:35	1
Molybdenum	0.99	J	1.0	0.45	ug/L		08/12/15 15:04	08/13/15 00:35	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	230		3.3	3.3	mg/L			08/13/15 12:09	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:23	08/13/15 09:22	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: GKMTW26_081015

Lab Sample ID: 680-115501-10

Date Collected: 08/10/15 14:40

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/12/15 15:04	08/13/15 04:56	1
Calcium	38000		500	25	ug/L		08/12/15 15:04	08/13/15 04:56	1
Iron	82		50	17	ug/L		08/12/15 15:04	08/13/15 04:56	1
Magnesium	3900		500	33	ug/L		08/12/15 15:04	08/13/15 04:56	1
Potassium	1100		1000	17	ug/L		08/12/15 15:04	08/13/15 04:56	1
Sodium	2000		1000	480	ug/L		08/12/15 15:04	08/13/15 04:56	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 01:40	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/12/15 15:04	08/13/15 01:40	1
Barium	42		2.0	0.14	ug/L		08/12/15 15:04	08/13/15 01:40	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/12/15 15:04	08/13/15 01:40	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/12/15 15:04	08/13/15 01:40	1
Chromium	1.0	U	2.0	1.0	ug/L		08/12/15 15:04	08/13/15 01:40	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/12/15 15:04	08/13/15 01:40	1
Copper	0.83	J	1.0	0.50	ug/L		08/12/15 15:04	08/13/15 01:40	1
Lead	0.060	U	0.30	0.060	ug/L		08/12/15 15:04	08/13/15 01:40	1
Manganese	1.4	J	2.5	1.2	ug/L		08/12/15 15:04	08/13/15 01:40	1
Nickel	0.45	J	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 01:40	1
Selenium	0.58	U	2.0	0.58	ug/L		08/12/15 15:04	08/13/15 01:40	1
Silver	0.10	U	1.0	0.10	ug/L		08/12/15 15:04	08/13/15 01:40	1
Thallium	0.10	U	0.20	0.10	ug/L		08/12/15 15:04	08/13/15 01:40	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/12/15 15:04	08/13/15 01:40	1
Zinc	12	J	20	2.8	ug/L		08/12/15 15:04	08/13/15 01:40	1
Molybdenum	0.57	J	1.0	0.45	ug/L		08/12/15 15:04	08/13/15 01:40	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	110		3.3	3.3	mg/L			08/13/15 12:09	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:16	08/13/15 12:23	1

Client Sample ID: GKMTW27_081015

Lab Sample ID: 680-115501-11

Date Collected: 08/10/15 15:20

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/12/15 15:04	08/13/15 05:28	1
Calcium	68000		500	25	ug/L		08/12/15 15:04	08/13/15 05:28	1
Iron	17	U	50	17	ug/L		08/12/15 15:04	08/13/15 05:28	1
Magnesium	9000		500	33	ug/L		08/12/15 15:04	08/13/15 05:28	1
Potassium	1800		1000	17	ug/L		08/12/15 15:04	08/13/15 05:28	1
Sodium	6000		1000	480	ug/L		08/12/15 15:04	08/13/15 05:28	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 02:16	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: GKMTW27_081015

Lab Sample ID: 680-115501-11

Date Collected: 08/10/15 15:20

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.37	U	1.0	0.37	ug/L		08/12/15 15:04	08/13/15 02:16	1
Barium	43		2.0	0.14	ug/L		08/12/15 15:04	08/13/15 02:16	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/12/15 15:04	08/13/15 02:16	1
Cadmium	0.16		0.10	0.043	ug/L		08/12/15 15:04	08/13/15 02:16	1
Chromium	1.0	U	2.0	1.0	ug/L		08/12/15 15:04	08/13/15 02:16	1
Cobalt	0.12	J	0.40	0.12	ug/L		08/12/15 15:04	08/13/15 02:16	1
Copper	99		1.0	0.50	ug/L		08/12/15 15:04	08/13/15 02:16	1
Lead	30		0.30	0.060	ug/L		08/12/15 15:04	08/13/15 02:16	1
Manganese	2.4	J	2.5	1.2	ug/L		08/12/15 15:04	08/13/15 02:16	1
Nickel	14		1.0	0.40	ug/L		08/12/15 15:04	08/13/15 02:16	1
Selenium	0.58	U	2.0	0.58	ug/L		08/12/15 15:04	08/13/15 02:16	1
Silver	0.10	U	1.0	0.10	ug/L		08/12/15 15:04	08/13/15 02:16	1
Thallium	0.10	U	0.20	0.10	ug/L		08/12/15 15:04	08/13/15 02:16	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/12/15 15:04	08/13/15 02:16	1
Zinc	1100		20	2.8	ug/L		08/12/15 15:04	08/13/15 02:16	1
Molybdenum	0.64	J	1.0	0.45	ug/L		08/12/15 15:04	08/13/15 02:16	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	210		3.3	3.3	mg/L			08/13/15 12:13	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:16	08/13/15 12:51	1

Client Sample ID: GKMTW28_081015

Lab Sample ID: 680-115501-12

Date Collected: 08/10/15 15:56

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/12/15 15:04	08/13/15 05:10	1
Calcium	84000		500	25	ug/L		08/12/15 15:04	08/13/15 05:10	1
Iron	17	U	50	17	ug/L		08/12/15 15:04	08/13/15 05:10	1
Magnesium	37000		500	33	ug/L		08/12/15 15:04	08/13/15 05:10	1
Potassium	5400		1000	17	ug/L		08/12/15 15:04	08/13/15 05:10	1
Sodium	36000		1000	480	ug/L		08/12/15 15:04	08/13/15 05:10	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	19		1.0	0.40	ug/L		08/12/15 15:04	08/13/15 02:00	1
Arsenic	2.5		1.0	0.37	ug/L		08/12/15 15:04	08/13/15 02:00	1
Barium	27		2.0	0.14	ug/L		08/12/15 15:04	08/13/15 02:00	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/12/15 15:04	08/13/15 02:00	1
Cadmium	0.21		0.10	0.043	ug/L		08/12/15 15:04	08/13/15 02:00	1
Chromium	1.0	U	2.0	1.0	ug/L		08/12/15 15:04	08/13/15 02:00	1
Cobalt	0.60		0.40	0.12	ug/L		08/12/15 15:04	08/13/15 02:00	1
Copper	35		1.0	0.50	ug/L		08/12/15 15:04	08/13/15 02:00	1
Lead	20		0.30	0.060	ug/L		08/12/15 15:04	08/13/15 02:00	1
Manganese	6.5		2.5	1.2	ug/L		08/12/15 15:04	08/13/15 02:00	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: GKMTW28_081015

Lab Sample ID: 680-115501-12

Date Collected: 08/10/15 15:56

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	1.6		1.0	0.40	ug/L		08/12/15 15:04	08/13/15 02:00	1
Selenium	1.9	J B	2.0	0.58	ug/L		08/12/15 15:04	08/13/15 02:00	1
Silver	0.10	J	1.0	0.10	ug/L		08/12/15 15:04	08/13/15 02:00	1
Thallium	0.10	U	0.20	0.10	ug/L		08/12/15 15:04	08/13/15 02:00	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/12/15 15:04	08/13/15 02:00	1
Zinc	20		20	2.8	ug/L		08/12/15 15:04	08/13/15 02:00	1
Molybdenum	7.5		1.0	0.45	ug/L		08/12/15 15:04	08/13/15 02:00	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	360		3.3	3.3	mg/L			08/13/15 12:09	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:16	08/13/15 12:32	1

Client Sample ID: GKMTW29_081015

Lab Sample ID: 680-115501-13

Date Collected: 08/10/15 16:53

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/12/15 15:04	08/13/15 04:29	1
Calcium	46000		500	25	ug/L		08/12/15 15:04	08/13/15 04:29	1
Iron	17	U	50	17	ug/L		08/12/15 15:04	08/13/15 04:29	1
Magnesium	5200		500	33	ug/L		08/12/15 15:04	08/13/15 04:29	1
Potassium	1400		1000	17	ug/L		08/12/15 15:04	08/13/15 04:29	1
Sodium	1800		1000	480	ug/L		08/12/15 15:04	08/13/15 04:29	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 01:24	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/12/15 15:04	08/13/15 01:24	1
Barium	22		2.0	0.14	ug/L		08/12/15 15:04	08/13/15 01:24	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/12/15 15:04	08/13/15 01:24	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/12/15 15:04	08/13/15 01:24	1
Chromium	1.0	U	2.0	1.0	ug/L		08/12/15 15:04	08/13/15 01:24	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/12/15 15:04	08/13/15 01:24	1
Copper	1.5		1.0	0.50	ug/L		08/12/15 15:04	08/13/15 01:24	1
Lead	0.094	J	0.30	0.060	ug/L		08/12/15 15:04	08/13/15 01:24	1
Manganese	1.2	U	2.5	1.2	ug/L		08/12/15 15:04	08/13/15 01:24	1
Nickel	0.54	J	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 01:24	1
Selenium	0.58	U	2.0	0.58	ug/L		08/12/15 15:04	08/13/15 01:24	1
Silver	0.10	U	1.0	0.10	ug/L		08/12/15 15:04	08/13/15 01:24	1
Thallium	0.10	U	0.20	0.10	ug/L		08/12/15 15:04	08/13/15 01:24	1
Vanadium	0.34	J	1.0	0.30	ug/L		08/12/15 15:04	08/13/15 01:24	1
Zinc	4.6	J	20	2.8	ug/L		08/12/15 15:04	08/13/15 01:24	1
Molybdenum	1.4		1.0	0.45	ug/L		08/12/15 15:04	08/13/15 01:24	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: GKMTW29_081015

Lab Sample ID: 680-115501-13

Date Collected: 08/10/15 16:53

Matrix: Water

Date Received: 08/12/15 09:46

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	140		3.3	3.3	mg/L			08/13/15 12:09	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:16	08/13/15 12:11	1

Client Sample ID: GKMTW31_081015

Lab Sample ID: 680-115501-14

Date Collected: 08/10/15 09:30

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/12/15 15:04	08/13/15 05:01	1
Calcium	100000		500	25	ug/L		08/12/15 15:04	08/13/15 05:01	1
Iron	17	U	50	17	ug/L		08/12/15 15:04	08/13/15 05:01	1
Magnesium	14000		500	33	ug/L		08/12/15 15:04	08/13/15 05:01	1
Potassium	3400		1000	17	ug/L		08/12/15 15:04	08/13/15 05:01	1
Sodium	4700		1000	480	ug/L		08/12/15 15:04	08/13/15 05:01	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 01:44	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/12/15 15:04	08/13/15 01:44	1
Barium	100		2.0	0.14	ug/L		08/12/15 15:04	08/13/15 01:44	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/12/15 15:04	08/13/15 01:44	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/12/15 15:04	08/13/15 01:44	1
Chromium	1.0	U	2.0	1.0	ug/L		08/12/15 15:04	08/13/15 01:44	1
Cobalt	0.13	J	0.40	0.12	ug/L		08/12/15 15:04	08/13/15 01:44	1
Copper	8.3		1.0	0.50	ug/L		08/12/15 15:04	08/13/15 01:44	1
Lead	0.24	J	0.30	0.060	ug/L		08/12/15 15:04	08/13/15 01:44	1
Manganese	1.2	U	2.5	1.2	ug/L		08/12/15 15:04	08/13/15 01:44	1
Nickel	1.1		1.0	0.40	ug/L		08/12/15 15:04	08/13/15 01:44	1
Selenium	0.58	U	2.0	0.58	ug/L		08/12/15 15:04	08/13/15 01:44	1
Silver	0.10	U	1.0	0.10	ug/L		08/12/15 15:04	08/13/15 01:44	1
Thallium	0.10	U	0.20	0.10	ug/L		08/12/15 15:04	08/13/15 01:44	1
Vanadium	3.1		1.0	0.30	ug/L		08/12/15 15:04	08/13/15 01:44	1
Zinc	7.1	J	20	2.8	ug/L		08/12/15 15:04	08/13/15 01:44	1
Molybdenum	0.87	J	1.0	0.45	ug/L		08/12/15 15:04	08/13/15 01:44	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	320		3.3	3.3	mg/L			08/13/15 12:09	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:16	08/13/15 12:26	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: GKMTW32_081015

Lab Sample ID: 680-115501-15

Date Collected: 08/10/15 10:00

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/12/15 15:04	08/13/15 04:52	1
Calcium	78000		500	25	ug/L		08/12/15 15:04	08/13/15 04:52	1
Iron	18	J	50	17	ug/L		08/12/15 15:04	08/13/15 04:52	1
Magnesium	10000		500	33	ug/L		08/12/15 15:04	08/13/15 04:52	1
Potassium	2100		1000	17	ug/L		08/12/15 15:04	08/13/15 04:52	1
Sodium	2200		1000	480	ug/L		08/12/15 15:04	08/13/15 04:52	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 01:36	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/12/15 15:04	08/13/15 01:36	1
Barium	42		2.0	0.14	ug/L		08/12/15 15:04	08/13/15 01:36	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/12/15 15:04	08/13/15 01:36	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/12/15 15:04	08/13/15 01:36	1
Chromium	1.0	U	2.0	1.0	ug/L		08/12/15 15:04	08/13/15 01:36	1
Cobalt	0.25	J	0.40	0.12	ug/L		08/12/15 15:04	08/13/15 01:36	1
Copper	10		1.0	0.50	ug/L		08/12/15 15:04	08/13/15 01:36	1
Lead	0.077	J	0.30	0.060	ug/L		08/12/15 15:04	08/13/15 01:36	1
Manganese	2.1	J	2.5	1.2	ug/L		08/12/15 15:04	08/13/15 01:36	1
Nickel	1.0		1.0	0.40	ug/L		08/12/15 15:04	08/13/15 01:36	1
Selenium	0.58	U	2.0	0.58	ug/L		08/12/15 15:04	08/13/15 01:36	1
Silver	0.10	U	1.0	0.10	ug/L		08/12/15 15:04	08/13/15 01:36	1
Thallium	0.10	U	0.20	0.10	ug/L		08/12/15 15:04	08/13/15 01:36	1
Vanadium	3.9		1.0	0.30	ug/L		08/12/15 15:04	08/13/15 01:36	1
Zinc	10	J	20	2.8	ug/L		08/12/15 15:04	08/13/15 01:36	1
Molybdenum	1.1		1.0	0.45	ug/L		08/12/15 15:04	08/13/15 01:36	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	240		3.3	3.3	mg/L			08/13/15 12:13	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:16	08/13/15 12:20	1

Client Sample ID: GKMTW33_081015

Lab Sample ID: 680-115501-16

Date Collected: 08/10/15 10:30

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/12/15 15:04	08/13/15 05:05	1
Calcium	85000		500	25	ug/L		08/12/15 15:04	08/13/15 05:05	1
Iron	310		50	17	ug/L		08/12/15 15:04	08/13/15 05:05	1
Magnesium	10000		500	33	ug/L		08/12/15 15:04	08/13/15 05:05	1
Potassium	19000		1000	17	ug/L		08/12/15 15:04	08/13/15 05:05	1
Sodium	55000		1000	480	ug/L		08/12/15 15:04	08/13/15 05:05	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 01:48	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: GKMTW33_081015

Lab Sample ID: 680-115501-16

Date Collected: 08/10/15 10:30

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	25		1.0	0.37	ug/L		08/12/15 15:04	08/13/15 01:48	1
Barium	50		2.0	0.14	ug/L		08/12/15 15:04	08/13/15 01:48	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/12/15 15:04	08/13/15 01:48	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/12/15 15:04	08/13/15 01:48	1
Chromium	1.0	U	2.0	1.0	ug/L		08/12/15 15:04	08/13/15 01:48	1
Cobalt	0.26	J	0.40	0.12	ug/L		08/12/15 15:04	08/13/15 01:48	1
Copper	1.5		1.0	0.50	ug/L		08/12/15 15:04	08/13/15 01:48	1
Lead	0.25	J	0.30	0.060	ug/L		08/12/15 15:04	08/13/15 01:48	1
Manganese	320		2.5	1.2	ug/L		08/12/15 15:04	08/13/15 01:48	1
Nickel	0.93	J	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 01:48	1
Selenium	0.58	U	2.0	0.58	ug/L		08/12/15 15:04	08/13/15 01:48	1
Silver	0.10	U	1.0	0.10	ug/L		08/12/15 15:04	08/13/15 01:48	1
Thallium	0.10	U	0.20	0.10	ug/L		08/12/15 15:04	08/13/15 01:48	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/12/15 15:04	08/13/15 01:48	1
Zinc	3.0	J	20	2.8	ug/L		08/12/15 15:04	08/13/15 01:48	1
Molybdenum	36		1.0	0.45	ug/L		08/12/15 15:04	08/13/15 01:48	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	260		3.3	3.3	mg/L			08/13/15 12:09	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:16	08/13/15 12:29	1

Client Sample ID: GKMTW34_081015

Lab Sample ID: 680-115501-17

Date Collected: 08/10/15 11:15

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/12/15 15:04	08/13/15 04:34	1
Calcium	70000		500	25	ug/L		08/12/15 15:04	08/13/15 04:34	1
Iron	880		50	17	ug/L		08/12/15 15:04	08/13/15 04:34	1
Magnesium	8100		500	33	ug/L		08/12/15 15:04	08/13/15 04:34	1
Potassium	1800		1000	17	ug/L		08/12/15 15:04	08/13/15 04:34	1
Sodium	3800		1000	480	ug/L		08/12/15 15:04	08/13/15 04:34	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 01:28	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/12/15 15:04	08/13/15 01:28	1
Barium	57		2.0	0.14	ug/L		08/12/15 15:04	08/13/15 01:28	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/12/15 15:04	08/13/15 01:28	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/12/15 15:04	08/13/15 01:28	1
Chromium	1.0	U	2.0	1.0	ug/L		08/12/15 15:04	08/13/15 01:28	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/12/15 15:04	08/13/15 01:28	1
Copper	4.6		1.0	0.50	ug/L		08/12/15 15:04	08/13/15 01:28	1
Lead	0.10	J	0.30	0.060	ug/L		08/12/15 15:04	08/13/15 01:28	1
Manganese	35		2.5	1.2	ug/L		08/12/15 15:04	08/13/15 01:28	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: GKMTW34_081015

Lab Sample ID: 680-115501-17

Date Collected: 08/10/15 11:15

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	0.81	J	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 01:28	1
Selenium	0.58	U	2.0	0.58	ug/L		08/12/15 15:04	08/13/15 01:28	1
Silver	0.10	U	1.0	0.10	ug/L		08/12/15 15:04	08/13/15 01:28	1
Thallium	0.10	U	0.20	0.10	ug/L		08/12/15 15:04	08/13/15 01:28	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/12/15 15:04	08/13/15 01:28	1
Zinc	8.5	J	20	2.8	ug/L		08/12/15 15:04	08/13/15 01:28	1
Molybdenum	0.45	U	1.0	0.45	ug/L		08/12/15 15:04	08/13/15 01:28	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	210		3.3	3.3	mg/L			08/13/15 12:09	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:16	08/13/15 12:14	1

Client Sample ID: GKMTW35_081015

Lab Sample ID: 680-115501-18

Date Collected: 08/10/15 11:30

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/12/15 15:04	08/13/15 05:41	1
Calcium	160000		500	25	ug/L		08/12/15 15:04	08/13/15 05:41	1
Iron	17	U	50	17	ug/L		08/12/15 15:04	08/13/15 05:41	1
Magnesium	20000		500	33	ug/L		08/12/15 15:04	08/13/15 05:41	1
Potassium	1800		1000	17	ug/L		08/12/15 15:04	08/13/15 05:41	1
Sodium	7500		1000	480	ug/L		08/12/15 15:04	08/13/15 05:41	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 02:20	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/12/15 15:04	08/13/15 02:20	1
Barium	12		2.0	0.14	ug/L		08/12/15 15:04	08/13/15 02:20	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/12/15 15:04	08/13/15 02:20	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/12/15 15:04	08/13/15 02:20	1
Chromium	1.0	U	2.0	1.0	ug/L		08/12/15 15:04	08/13/15 02:20	1
Cobalt	0.17	J	0.40	0.12	ug/L		08/12/15 15:04	08/13/15 02:20	1
Copper	2.1		1.0	0.50	ug/L		08/12/15 15:04	08/13/15 02:20	1
Lead	0.064	J	0.30	0.060	ug/L		08/12/15 15:04	08/13/15 02:20	1
Manganese	1.2	U	2.5	1.2	ug/L		08/12/15 15:04	08/13/15 02:20	1
Nickel	1.7		1.0	0.40	ug/L		08/12/15 15:04	08/13/15 02:20	1
Selenium	0.58	J B	2.0	0.58	ug/L		08/12/15 15:04	08/13/15 02:20	1
Silver	0.10	U	1.0	0.10	ug/L		08/12/15 15:04	08/13/15 02:20	1
Thallium	0.10	U	0.20	0.10	ug/L		08/12/15 15:04	08/13/15 02:20	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/12/15 15:04	08/13/15 02:20	1
Zinc	50		20	2.8	ug/L		08/12/15 15:04	08/13/15 02:20	1
Molybdenum	2.0		1.0	0.45	ug/L		08/12/15 15:04	08/13/15 02:20	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: GKMTW35_081015

Lab Sample ID: 680-115501-18

Date Collected: 08/10/15 11:30

Matrix: Water

Date Received: 08/12/15 09:46

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	490		3.3	3.3	mg/L			08/13/15 12:09	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:16	08/13/15 12:54	1

Client Sample ID: GKMTW37_081015

Lab Sample ID: 680-115501-19

Date Collected: 08/10/15 14:00

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/12/15 15:04	08/13/15 04:47	1
Calcium	73000		500	25	ug/L		08/12/15 15:04	08/13/15 04:47	1
Iron	140		50	17	ug/L		08/12/15 15:04	08/13/15 04:47	1
Magnesium	8900		500	33	ug/L		08/12/15 15:04	08/13/15 04:47	1
Potassium	1200		1000	17	ug/L		08/12/15 15:04	08/13/15 04:47	1
Sodium	7400		1000	480	ug/L		08/12/15 15:04	08/13/15 04:47	1

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 01:32	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/12/15 15:04	08/13/15 01:32	1
Barium	10		2.0	0.14	ug/L		08/12/15 15:04	08/13/15 01:32	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/12/15 15:04	08/13/15 01:32	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/12/15 15:04	08/13/15 01:32	1
Chromium	1.0	U	2.0	1.0	ug/L		08/12/15 15:04	08/13/15 01:32	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/12/15 15:04	08/13/15 01:32	1
Copper	7.7		1.0	0.50	ug/L		08/12/15 15:04	08/13/15 01:32	1
Lead	0.061	J	0.30	0.060	ug/L		08/12/15 15:04	08/13/15 01:32	1
Manganese	2.7		2.5	1.2	ug/L		08/12/15 15:04	08/13/15 01:32	1
Nickel	0.79	J	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 01:32	1
Selenium	0.58	U	2.0	0.58	ug/L		08/12/15 15:04	08/13/15 01:32	1
Silver	0.10	U	1.0	0.10	ug/L		08/12/15 15:04	08/13/15 01:32	1
Thallium	0.10	U	0.20	0.10	ug/L		08/12/15 15:04	08/13/15 01:32	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/12/15 15:04	08/13/15 01:32	1
Zinc	4.7	J	20	2.8	ug/L		08/12/15 15:04	08/13/15 01:32	1
Molybdenum	0.80	J	1.0	0.45	ug/L		08/12/15 15:04	08/13/15 01:32	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	220		3.3	3.3	mg/L			08/13/15 12:09	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:16	08/13/15 12:17	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: GKMTW38_081015

Lab Sample ID: 680-115501-20

Date Collected: 08/10/15 16:00

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/12/15 15:04	08/13/15 05:19	1
Calcium	170	J	500	25	ug/L		08/12/15 15:04	08/13/15 05:19	1
Iron	17	U	50	17	ug/L		08/12/15 15:04	08/13/15 05:19	1
Magnesium	37	J	500	33	ug/L		08/12/15 15:04	08/13/15 05:19	1
Potassium	200	J	1000	17	ug/L		08/12/15 15:04	08/13/15 05:19	1
Sodium	130000		10000	4800	ug/L		08/12/15 15:04	08/13/15 10:31	10

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 02:08	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/12/15 15:04	08/13/15 02:08	1
Barium	0.14	J	2.0	0.14	ug/L		08/12/15 15:04	08/13/15 02:08	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/12/15 15:04	08/13/15 02:08	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/12/15 15:04	08/13/15 02:08	1
Chromium	1.0	U	2.0	1.0	ug/L		08/12/15 15:04	08/13/15 02:08	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/12/15 15:04	08/13/15 02:08	1
Copper	8.3		1.0	0.50	ug/L		08/12/15 15:04	08/13/15 02:08	1
Lead	0.18	J	0.30	0.060	ug/L		08/12/15 15:04	08/13/15 02:08	1
Manganese	1.2	U	2.5	1.2	ug/L		08/12/15 15:04	08/13/15 02:08	1
Nickel	0.43	J	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 02:08	1
Selenium	3.8	B	2.0	0.58	ug/L		08/12/15 15:04	08/13/15 02:08	1
Silver	0.10	U	1.0	0.10	ug/L		08/12/15 15:04	08/13/15 02:08	1
Thallium	0.10	U	0.20	0.10	ug/L		08/12/15 15:04	08/13/15 02:08	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/12/15 15:04	08/13/15 02:08	1
Zinc	7.6	J	20	2.8	ug/L		08/12/15 15:04	08/13/15 02:08	1
Molybdenum	1.7		1.0	0.45	ug/L		08/12/15 15:04	08/13/15 02:08	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	3.3	U	3.3	3.3	mg/L			08/13/15 12:09	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:16	08/13/15 12:38	1

Client Sample ID: GKMTW39_081015

Lab Sample ID: 680-115501-21

Date Collected: 08/10/15 17:00

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/12/15 15:04	08/13/15 05:46	1
Calcium	4300		500	25	ug/L		08/12/15 15:04	08/13/15 05:46	1
Iron	17	U	50	17	ug/L		08/12/15 15:04	08/13/15 05:46	1
Magnesium	34	J	500	33	ug/L		08/12/15 15:04	08/13/15 05:46	1
Potassium	350	J	1000	17	ug/L		08/12/15 15:04	08/13/15 05:46	1
Sodium	130000		10000	4800	ug/L		08/12/15 15:04	08/13/15 10:39	10

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 02:24	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: GKMTW39_081015

Lab Sample ID: 680-115501-21

Date Collected: 08/10/15 17:00

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.42	J	1.0	0.37	ug/L		08/12/15 15:04	08/13/15 02:24	1
Barium	31		2.0	0.14	ug/L		08/12/15 15:04	08/13/15 02:24	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/12/15 15:04	08/13/15 02:24	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/12/15 15:04	08/13/15 02:24	1
Chromium	1.0	U	2.0	1.0	ug/L		08/12/15 15:04	08/13/15 02:24	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/12/15 15:04	08/13/15 02:24	1
Copper	12		1.0	0.50	ug/L		08/12/15 15:04	08/13/15 02:24	1
Lead	0.11	J	0.30	0.060	ug/L		08/12/15 15:04	08/13/15 02:24	1
Manganese	1.2	U	2.5	1.2	ug/L		08/12/15 15:04	08/13/15 02:24	1
Nickel	0.43	J	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 02:24	1
Selenium	0.79	J B	2.0	0.58	ug/L		08/12/15 15:04	08/13/15 02:24	1
Silver	0.10	U	1.0	0.10	ug/L		08/12/15 15:04	08/13/15 02:24	1
Thallium	0.10	U	0.20	0.10	ug/L		08/12/15 15:04	08/13/15 02:24	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/12/15 15:04	08/13/15 02:24	1
Zinc	2.8	U	20	2.8	ug/L		08/12/15 15:04	08/13/15 02:24	1
Molybdenum	13		1.0	0.45	ug/L		08/12/15 15:04	08/13/15 02:24	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	11		3.3	3.3	mg/L			08/13/15 12:13	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:16	08/13/15 12:57	1

Client Sample ID: GKMTW40_081015

Lab Sample ID: 680-115501-22

Date Collected: 08/10/15 17:30

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.7 Rev 4.4 - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	43	J	200	24	ug/L		08/12/15 15:04	08/13/15 04:25	1
Calcium	3400		500	25	ug/L		08/12/15 15:04	08/13/15 04:25	1
Iron	17	U	50	17	ug/L		08/12/15 15:04	08/13/15 04:25	1
Magnesium	33	U	500	33	ug/L		08/12/15 15:04	08/13/15 04:25	1
Potassium	220	J	1000	17	ug/L		08/12/15 15:04	08/13/15 04:25	1
Sodium	100000		10000	4800	ug/L		08/12/15 15:04	08/13/15 10:28	10

Method: 200.8 - Metals (ICP/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.40	U	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 01:20	1
Arsenic	0.37	U	1.0	0.37	ug/L		08/12/15 15:04	08/13/15 01:20	1
Barium	13		2.0	0.14	ug/L		08/12/15 15:04	08/13/15 01:20	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/12/15 15:04	08/13/15 01:20	1
Cadmium	0.067	J	0.10	0.043	ug/L		08/12/15 15:04	08/13/15 01:20	1
Chromium	1.0	U	2.0	1.0	ug/L		08/12/15 15:04	08/13/15 01:20	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/12/15 15:04	08/13/15 01:20	1
Copper	2.2		1.0	0.50	ug/L		08/12/15 15:04	08/13/15 01:20	1
Lead	0.077	J	0.30	0.060	ug/L		08/12/15 15:04	08/13/15 01:20	1
Manganese	1.9	J	2.5	1.2	ug/L		08/12/15 15:04	08/13/15 01:20	1

TestAmerica Savannah

Client Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: GKMTW40_081015

Lab Sample ID: 680-115501-22

Date Collected: 08/10/15 17:30

Matrix: Water

Date Received: 08/12/15 09:46

Method: 200.8 - Metals (ICP/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	0.40	U	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 01:20	1
Selenium	0.58	U	2.0	0.58	ug/L		08/12/15 15:04	08/13/15 01:20	1
Silver	0.10	U	1.0	0.10	ug/L		08/12/15 15:04	08/13/15 01:20	1
Thallium	0.10	U	0.20	0.10	ug/L		08/12/15 15:04	08/13/15 01:20	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/12/15 15:04	08/13/15 01:20	1
Zinc	2.8	U	20	2.8	ug/L		08/12/15 15:04	08/13/15 01:20	1
Molybdenum	62		1.0	0.45	ug/L		08/12/15 15:04	08/13/15 01:20	1

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	8.5		3.3	3.3	mg/L			08/13/15 12:09	1

Method: 245.1 - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:16	08/13/15 12:01	1

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Method: 200.7 Rev 4.4 - Metals (ICP)

Lab Sample ID: MB 680-395747/1-A
Matrix: Water
Analysis Batch: 395943

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 395747

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/12/15 15:04	08/13/15 03:22	1
Calcium	25	U	500	25	ug/L		08/12/15 15:04	08/13/15 03:22	1
Iron	17	U	50	17	ug/L		08/12/15 15:04	08/13/15 03:22	1
Magnesium	33	U	500	33	ug/L		08/12/15 15:04	08/13/15 03:22	1
Potassium	17	U	1000	17	ug/L		08/12/15 15:04	08/13/15 03:22	1
Sodium	480	U	1000	480	ug/L		08/12/15 15:04	08/13/15 03:22	1

Lab Sample ID: LCS 680-395747/2-A
Matrix: Water
Analysis Batch: 395943

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 395747

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Aluminum	2000	1980		ug/L		99	85 - 115
Calcium	2000	2070		ug/L		103	85 - 115
Iron	2000	2020		ug/L		101	85 - 115
Magnesium	2000	2030		ug/L		102	85 - 115
Potassium	2000	2140		ug/L		107	85 - 115
Sodium	2000	1860		ug/L		93	85 - 115

Lab Sample ID: 680-115501-8 MS
Matrix: Water
Analysis Batch: 395943

Client Sample ID: GKMTW24_081015
Prep Type: Total/NA
Prep Batch: 395747

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Aluminum	24	U	2000	2060		ug/L		103	75 - 125
Calcium	160000		2000	161000	4	ug/L		120	75 - 125
Iron	600		2000	2600		ug/L		100	75 - 125
Magnesium	15000		2000	16700	4	ug/L		106	75 - 125
Potassium	1400		2000	3850		ug/L		120	75 - 125
Sodium	6600		2000	8860		ug/L		112	75 - 125

Lab Sample ID: 680-115501-8 MSD
Matrix: Water
Analysis Batch: 395943

Client Sample ID: GKMTW24_081015
Prep Type: Total/NA
Prep Batch: 395747

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Aluminum	24	U	2000	2030		ug/L		102	75 - 125	1	20
Calcium	160000		2000	156000	4	ug/L		-116	75 - 125	3	20
Iron	600		2000	2610		ug/L		101	75 - 125	1	20
Magnesium	15000		2000	16300	4	ug/L		83	75 - 125	3	20
Potassium	1400		2000	3780		ug/L		117	75 - 125	2	20
Sodium	6600		2000	8480		ug/L		93	75 - 125	4	20

Lab Sample ID: 680-115501-9 MS
Matrix: Water
Analysis Batch: 395943

Client Sample ID: GKMTW25_081015
Prep Type: Total/NA
Prep Batch: 395747

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Aluminum	24	U	2000	2020		ug/L		101	75 - 125

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: 680-115501-9 MS

Matrix: Water

Analysis Batch: 395943

Client Sample ID: GKMTW25_081015

Prep Type: Total/NA

Prep Batch: 395747

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Calcium	70000		2000	70400	4	ug/L		33	75 - 125
Iron	17	U	2000	1980		ug/L		99	75 - 125
Magnesium	14000		2000	15900	4	ug/L		89	75 - 125
Potassium	1600		2000	3800		ug/L		111	75 - 125
Sodium	3700		2000	5370		ug/L		82	75 - 125

Lab Sample ID: 680-115501-9 MSD

Matrix: Water

Analysis Batch: 395943

Client Sample ID: GKMTW25_081015

Prep Type: Total/NA

Prep Batch: 395747

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Aluminum	24	U	2000	2070		ug/L		103	75 - 125	2	20
Calcium	70000		2000	73000	4	ug/L		164	75 - 125	4	20
Iron	17	U	2000	2030		ug/L		101	75 - 125	2	20
Magnesium	14000		2000	16400	4	ug/L		113	75 - 125	3	20
Potassium	1600		2000	3910		ug/L		117	75 - 125	3	20
Sodium	3700		2000	5740		ug/L		100	75 - 125	7	20

Lab Sample ID: MB 680-395800/1-A

Matrix: Water

Analysis Batch: 395943

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 395800

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aluminum	24	U	200	24	ug/L		08/12/15 17:28	08/13/15 05:59	1
Aluminum, Dissolved	24	U	200	24	ug/L		08/12/15 17:28	08/13/15 05:59	1
Calcium	25	U	500	25	ug/L		08/12/15 17:28	08/13/15 05:59	1
Calcium, Dissolved	25	U	500	25	ug/L		08/12/15 17:28	08/13/15 05:59	1
Iron	17	U	50	17	ug/L		08/12/15 17:28	08/13/15 05:59	1
Iron, Dissolved	17	U	50	17	ug/L		08/12/15 17:28	08/13/15 05:59	1
Magnesium	33	U	500	33	ug/L		08/12/15 17:28	08/13/15 05:59	1
Magnesium, Dissolved	33	U	500	33	ug/L		08/12/15 17:28	08/13/15 05:59	1
Potassium	17	U	1000	17	ug/L		08/12/15 17:28	08/13/15 05:59	1
Potassium, Dissolved	17	U	1000	17	ug/L		08/12/15 17:28	08/13/15 05:59	1
Sodium	480	U	1000	480	ug/L		08/12/15 17:28	08/13/15 05:59	1
Sodium, Dissolved	480	U	1000	480	ug/L		08/12/15 17:28	08/13/15 05:59	1

Lab Sample ID: LCS 680-395800/2-A

Matrix: Water

Analysis Batch: 395943

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 395800

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Aluminum	2000	2040		ug/L		102	85 - 115
Aluminum, Dissolved	2000	2040		ug/L		102	85 - 115
Calcium	2000	2120		ug/L		106	85 - 115
Calcium, Dissolved	2000	2120		ug/L		106	85 - 115
Iron	2000	2090		ug/L		104	85 - 115
Iron, Dissolved	2000	2090		ug/L		104	85 - 115
Magnesium	2000	2100		ug/L		105	85 - 115
Magnesium, Dissolved	2000	2100		ug/L		105	85 - 115

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Method: 200.7 Rev 4.4 - Metals (ICP) (Continued)

Lab Sample ID: LCS 680-395800/2-A
Matrix: Water
Analysis Batch: 395943

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 395800
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Potassium	2000	2210		ug/L		111	85 - 115
Potassium, Dissolved	2000	2210		ug/L		111	85 - 115
Sodium	2000	2010		ug/L		100	85 - 115
Sodium, Dissolved	2000	2010		ug/L		100	85 - 115

Method: 200.8 - Metals (ICP/MS)

Lab Sample ID: MB 680-395745/1-A
Matrix: Water
Analysis Batch: 395956

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 395745

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	0.37	U	1.0	0.37	ug/L		08/12/15 15:04	08/13/15 00:23	1
Barium	0.14	U	2.0	0.14	ug/L		08/12/15 15:04	08/13/15 00:23	1
Beryllium	0.15	U	0.40	0.15	ug/L		08/12/15 15:04	08/13/15 00:23	1
Cadmium	0.043	U	0.10	0.043	ug/L		08/12/15 15:04	08/13/15 00:23	1
Chromium	1.0	U	2.0	1.0	ug/L		08/12/15 15:04	08/13/15 00:23	1
Cobalt	0.12	U	0.40	0.12	ug/L		08/12/15 15:04	08/13/15 00:23	1
Copper	0.50	U	1.0	0.50	ug/L		08/12/15 15:04	08/13/15 00:23	1
Manganese	1.2	U	2.5	1.2	ug/L		08/12/15 15:04	08/13/15 00:23	1
Nickel	0.40	U	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 00:23	1
Lead	0.060	U	0.30	0.060	ug/L		08/12/15 15:04	08/13/15 00:23	1
Antimony	0.40	U	1.0	0.40	ug/L		08/12/15 15:04	08/13/15 00:23	1
Silver	0.10	U	1.0	0.10	ug/L		08/12/15 15:04	08/13/15 00:23	1
Selenium	0.915	J	2.0	0.58	ug/L		08/12/15 15:04	08/13/15 00:23	1
Thallium	0.10	U	0.20	0.10	ug/L		08/12/15 15:04	08/13/15 00:23	1
Vanadium	0.30	U	1.0	0.30	ug/L		08/12/15 15:04	08/13/15 00:23	1
Molybdenum	0.45	U	1.0	0.45	ug/L		08/12/15 15:04	08/13/15 00:23	1
Zinc	2.8	U	20	2.8	ug/L		08/12/15 15:04	08/13/15 00:23	1

Lab Sample ID: LCS 680-395745/2-A
Matrix: Water
Analysis Batch: 395956

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 395745
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	40.0	40.4		ug/L		101	85 - 115
Barium	40.0	39.8		ug/L		99	85 - 115
Beryllium	20.0	20.8		ug/L		104	85 - 115
Cadmium	20.0	20.4		ug/L		102	85 - 115
Chromium	40.0	38.3		ug/L		96	85 - 115
Cobalt	20.0	21.2		ug/L		106	85 - 115
Copper	40.0	40.6		ug/L		101	85 - 115
Manganese	200	188		ug/L		94	85 - 115
Nickel	40.0	41.2		ug/L		103	85 - 115
Lead	200	191		ug/L		96	85 - 115
Antimony	20.0	21.8		ug/L		109	85 - 115
Silver	20.0	20.8		ug/L		104	85 - 115
Selenium	40.0	37.9		ug/L		95	85 - 115

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-395745/2-A
Matrix: Water
Analysis Batch: 395956

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 395745
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Thallium	16.0	16.3		ug/L		102	85 - 115
Vanadium	40.0	37.5		ug/L		94	85 - 115
Molybdenum	40.0	39.2		ug/L		98	85 - 115
Zinc	40.0	40.0		ug/L		100	85 - 115

Lab Sample ID: 680-115501-8 MS
Matrix: Water
Analysis Batch: 395956

Client Sample ID: GKMTW24_081015
Prep Type: Total/NA
Prep Batch: 395745
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	Limits
Arsenic	0.37	U	40.0	42.5		ug/L		106	70 - 130
Barium	11		40.0	50.0		ug/L		99	70 - 130
Beryllium	0.15	U	20.0	20.7		ug/L		104	70 - 130
Cadmium	0.043	U	20.0	20.0		ug/L		100	70 - 130
Chromium	1.0	U	40.0	38.2		ug/L		95	70 - 130
Cobalt	0.19	J	20.0	20.5		ug/L		102	70 - 130
Copper	1.3		40.0	39.3		ug/L		95	70 - 130
Manganese	5.1		200	193		ug/L		94	70 - 130
Nickel	1.5		40.0	40.5		ug/L		98	70 - 130
Lead	0.085	J	200	188		ug/L		94	70 - 130
Antimony	0.40	U	20.0	22.4		ug/L		112	70 - 130
Silver	0.10	U	20.0	20.0		ug/L		100	70 - 130
Selenium	0.98	J B	40.0	40.6		ug/L		99	70 - 130
Thallium	0.10	U	16.0	16.4		ug/L		103	70 - 130
Vanadium	0.30	U	40.0	38.5		ug/L		96	70 - 130
Molybdenum	3.1		40.0	43.0		ug/L		100	70 - 130
Zinc	11	J	40.0	48.8		ug/L		95	70 - 130

Lab Sample ID: 680-115501-8 MSD
Matrix: Water
Analysis Batch: 395956

Client Sample ID: GKMTW24_081015
Prep Type: Total/NA
Prep Batch: 395745
%Rec.

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	Limits	RPD	Limit
Arsenic	0.37	U	40.0	42.7		ug/L		107	70 - 130	0	20
Barium	11		40.0	49.6		ug/L		98	70 - 130	1	20
Beryllium	0.15	U	20.0	20.7		ug/L		104	70 - 130	0	20
Cadmium	0.043	U	20.0	19.8		ug/L		99	70 - 130	1	20
Chromium	1.0	U	40.0	38.3		ug/L		96	70 - 130	0	20
Cobalt	0.19	J	20.0	20.5		ug/L		101	70 - 130	0	20
Copper	1.3		40.0	39.2		ug/L		95	70 - 130	0	20
Manganese	5.1		200	192		ug/L		93	70 - 130	1	20
Nickel	1.5		40.0	40.1		ug/L		96	70 - 130	1	20
Lead	0.085	J	200	187		ug/L		93	70 - 130	1	20
Antimony	0.40	U	20.0	22.3		ug/L		111	70 - 130	1	20
Silver	0.10	U	20.0	20.0		ug/L		100	70 - 130	0	20
Selenium	0.98	J B	40.0	41.0		ug/L		100	70 - 130	1	20
Thallium	0.10	U	16.0	16.2		ug/L		101	70 - 130	1	20
Vanadium	0.30	U	40.0	38.3		ug/L		96	70 - 130	1	20
Molybdenum	3.1		40.0	43.3		ug/L		100	70 - 130	1	20

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: 680-115501-8 MSD

Matrix: Water

Analysis Batch: 395956

Client Sample ID: GKMTW24_081015

Prep Type: Total/NA

Prep Batch: 395745

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Zinc	11	J	40.0	48.6		ug/L		94	70 - 130	0	20

Lab Sample ID: 680-115501-9 MS

Matrix: Water

Analysis Batch: 395956

Client Sample ID: GKMTW25_081015

Prep Type: Total/NA

Prep Batch: 395745

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.37	U	40.0	41.4		ug/L		103	70 - 130		
Barium	40		40.0	79.9		ug/L		101	70 - 130		
Beryllium	0.15	U	20.0	21.0		ug/L		105	70 - 130		
Cadmium	0.043	U	20.0	20.6		ug/L		103	70 - 130		
Chromium	1.0	U	40.0	38.1		ug/L		95	70 - 130		
Cobalt	0.12	U	20.0	20.5		ug/L		103	70 - 130		
Copper	21		40.0	54.9		ug/L		84	70 - 130		
Manganese	1.2	U	200	186		ug/L		93	70 - 130		
Nickel	0.85	J	40.0	40.0		ug/L		98	70 - 130		
Lead	0.10	J	200	189		ug/L		94	70 - 130		
Antimony	0.40	U	20.0	23.2		ug/L		116	70 - 130		
Silver	0.10	U	20.0	20.8		ug/L		104	70 - 130		
Selenium	0.58	U	40.0	39.7		ug/L		99	70 - 130		
Thallium	0.10	U	16.0	16.3		ug/L		102	70 - 130		
Vanadium	0.30	U	40.0	38.1		ug/L		95	70 - 130		
Molybdenum	0.99	J	40.0	41.5		ug/L		101	70 - 130		
Zinc	96		40.0	133		ug/L		92	70 - 130		

Lab Sample ID: 680-115501-9 MSD

Matrix: Water

Analysis Batch: 395956

Client Sample ID: GKMTW25_081015

Prep Type: Total/NA

Prep Batch: 395745

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Arsenic	0.37	U	40.0	42.1		ug/L		105	70 - 130	2	20
Barium	40		40.0	81.5		ug/L		105	70 - 130	2	20
Beryllium	0.15	U	20.0	21.5		ug/L		107	70 - 130	2	20
Cadmium	0.043	U	20.0	20.6		ug/L		103	70 - 130	0	20
Chromium	1.0	U	40.0	38.4		ug/L		96	70 - 130	1	20
Cobalt	0.12	U	20.0	20.8		ug/L		104	70 - 130	1	20
Copper	21		40.0	57.1		ug/L		89	70 - 130	4	20
Manganese	1.2	U	200	189		ug/L		94	70 - 130	1	20
Nickel	0.85	J	40.0	40.4		ug/L		99	70 - 130	1	20
Lead	0.10	J	200	191		ug/L		95	70 - 130	1	20
Antimony	0.40	U	20.0	23.0		ug/L		115	70 - 130	1	20
Silver	0.10	U	20.0	20.8		ug/L		104	70 - 130	0	20
Selenium	0.58	U	40.0	40.0		ug/L		100	70 - 130	1	20
Thallium	0.10	U	16.0	16.7		ug/L		104	70 - 130	2	20
Vanadium	0.30	U	40.0	38.0		ug/L		95	70 - 130	0	20
Molybdenum	0.99	J	40.0	41.9		ug/L		102	70 - 130	1	20
Zinc	96		40.0	135		ug/L		97	70 - 130	2	20

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: MB 680-395798/1-A
Matrix: Water
Analysis Batch: 395956

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 395798

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.37	U	1.0	0.37	ug/L		08/12/15 17:28	08/13/15 08:48	1
Barium, Dissolved	0.14	U	2.0	0.14	ug/L		08/12/15 17:28	08/13/15 08:48	1
Beryllium, Dissolved	0.15	U	0.40	0.15	ug/L		08/12/15 17:28	08/13/15 08:48	1
Cadmium, Dissolved	0.043	U	0.10	0.043	ug/L		08/12/15 17:28	08/13/15 08:48	1
Chromium, Dissolved	1.0	U	2.0	1.0	ug/L		08/12/15 17:28	08/13/15 08:48	1
Cobalt, Dissolved	0.12	U	0.40	0.12	ug/L		08/12/15 17:28	08/13/15 08:48	1
Copper, Dissolved	0.50	U	1.0	0.50	ug/L		08/12/15 17:28	08/13/15 08:48	1
Manganese, Dissolved	1.2	U	2.5	1.2	ug/L		08/12/15 17:28	08/13/15 08:48	1
Nickel, Dissolved	0.40	U	1.0	0.40	ug/L		08/12/15 17:28	08/13/15 08:48	1
Lead, Dissolved	0.060	U	0.30	0.060	ug/L		08/12/15 17:28	08/13/15 08:48	1
Antimony, Dissolved	0.40	U	1.0	0.40	ug/L		08/12/15 17:28	08/13/15 08:48	1
Silver, Dissolved	0.10	U	1.0	0.10	ug/L		08/12/15 17:28	08/13/15 08:48	1
Selenium, Dissolved	1.25	J	2.0	0.58	ug/L		08/12/15 17:28	08/13/15 08:48	1
Thallium, Dissolved	0.10	U	0.20	0.10	ug/L		08/12/15 17:28	08/13/15 08:48	1
Vanadium, Dissolved	0.30	U	1.0	0.30	ug/L		08/12/15 17:28	08/13/15 08:48	1
Molybdenum, Dissolved	0.45	U	1.0	0.45	ug/L		08/12/15 17:28	08/13/15 08:48	1
Zinc, Dissolved	2.8	U	20	2.8	ug/L		08/12/15 17:28	08/13/15 08:48	1

Lab Sample ID: LCS 680-395798/2-A
Matrix: Water
Analysis Batch: 395956

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 395798
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Arsenic	40.0	42.4		ug/L		106	85 - 115
Arsenic, Dissolved	40.0	42.4		ug/L		106	85 - 115
Barium	40.0	42.2		ug/L		106	85 - 115
Barium, Dissolved	40.0	42.2		ug/L		106	85 - 115
Beryllium	20.0	21.1		ug/L		106	85 - 115
Beryllium, Dissolved	20.0	21.1		ug/L		106	85 - 115
Cadmium	20.0	20.1		ug/L		100	85 - 115
Cadmium, Dissolved	20.0	20.1		ug/L		100	85 - 115
Chromium	40.0	40.3		ug/L		101	85 - 115
Chromium, Dissolved	40.0	40.3		ug/L		101	85 - 115
Cobalt	20.0	22.0		ug/L		110	85 - 115
Cobalt, Dissolved	20.0	22.0		ug/L		110	85 - 115
Copper	40.0	42.5		ug/L		106	85 - 115
Copper, Dissolved	40.0	42.5		ug/L		106	85 - 115
Manganese	200	195		ug/L		97	85 - 115
Manganese, Dissolved	200	195		ug/L		97	85 - 115
Nickel	40.0	43.0		ug/L		108	85 - 115
Nickel, Dissolved	40.0	43.0		ug/L		108	85 - 115
Lead	200	193		ug/L		97	85 - 115
Lead, Dissolved	200	193		ug/L		97	85 - 115
Antimony	20.0	22.6		ug/L		113	85 - 115
Antimony, Dissolved	20.0	22.6		ug/L		113	85 - 115
Silver	20.0	21.6		ug/L		108	85 - 115
Silver, Dissolved	20.0	21.6		ug/L		108	85 - 115
Selenium	40.0	41.1		ug/L		103	85 - 115

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Method: 200.8 - Metals (ICP/MS) (Continued)

Lab Sample ID: LCS 680-395798/2-A
Matrix: Water
Analysis Batch: 395956

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 395798
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Selenium, Dissolved	40.0	41.1		ug/L		103	85 - 115
Thallium	16.0	16.8		ug/L		105	85 - 115
Thallium, Dissolved	16.0	16.8		ug/L		105	85 - 115
Vanadium	40.0	39.1		ug/L		98	85 - 115
Vanadium, Dissolved	40.0	39.1		ug/L		98	85 - 115
Molybdenum	40.0	41.0		ug/L		103	85 - 115
Molybdenum, Dissolved	40.0	41.0		ug/L		103	85 - 115
Zinc	40.0	40.9		ug/L		102	85 - 115
Zinc, Dissolved	40.0	40.9		ug/L		102	85 - 115

Method: 2340B-2011 - Total Hardness (as CaCO3) by calculation

Lab Sample ID: MB 680-395950/34
Matrix: Water
Analysis Batch: 395950

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	3.3	U	3.3	3.3	mg/L			08/13/15 12:09	1

Lab Sample ID: MB 680-395950/55
Matrix: Water
Analysis Batch: 395950

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Hardness	3.3	U	3.3	3.3	mg/L			08/13/15 12:13	1

Method: 245.1 - Mercury (CVAA)

Lab Sample ID: MB 680-395807/1-A
Matrix: Water
Analysis Batch: 395972

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 395807

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:16	08/13/15 11:34	1

Lab Sample ID: LCS 680-395807/2-A
Matrix: Water
Analysis Batch: 395972

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 395807
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	2.50	2.47		ug/L		99	85 - 115

Lab Sample ID: MB 680-395813/1-A
Matrix: Water
Analysis Batch: 395958

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 395813

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.080	U	0.20	0.080	ug/L		08/12/15 18:23	08/13/15 08:35	1

TestAmerica Savannah

QC Sample Results

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Method: 245.1 - Mercury (CVAA) (Continued)

Lab Sample ID: LCS 680-395813/2-A
Matrix: Water
Analysis Batch: 395958

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 395813
%Rec.

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Mercury	2.50	2.57		ug/L		103	85 - 115

Method: 2540 D-2011 - Total Suspended Solids Dried at 103-105°C

Lab Sample ID: MB 680-395729/1
Matrix: Water
Analysis Batch: 395729

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	RL	Unit	D	Prepared	Analyzed	Dil Fac
Total Suspended Solids	1.0	U	1.0	1.0	mg/L			08/12/15 14:02	1

Lab Sample ID: LCS 680-395729/2
Matrix: Water
Analysis Batch: 395729

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Total Suspended Solids	20.0	19.5		mg/L		98	80 - 120

Lab Sample ID: LCSD 680-395729/3
Matrix: Water
Analysis Batch: 395729

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Total Suspended Solids	20.0	19.0		mg/L		95	80 - 120	3	25

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Metals

Prep Batch: 395745

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115501-5	GKMTW 36_081015	Total/NA	Water	200	
680-115501-6	GKMTW22_081015	Total/NA	Water	200	
680-115501-7	GKMTW23_081015	Total/NA	Water	200	
680-115501-8	GKMTW24_081015	Total/NA	Water	200	
680-115501-8 MS	GKMTW24_081015	Total/NA	Water	200	
680-115501-8 MSD	GKMTW24_081015	Total/NA	Water	200	
680-115501-9	GKMTW25_081015	Total/NA	Water	200	
680-115501-9 MS	GKMTW25_081015	Total/NA	Water	200	
680-115501-9 MSD	GKMTW25_081015	Total/NA	Water	200	
680-115501-10	GKMTW26_081015	Total/NA	Water	200	
680-115501-11	GKMTW27_081015	Total/NA	Water	200	
680-115501-12	GKMTW28_081015	Total/NA	Water	200	
680-115501-13	GKMTW29_081015	Total/NA	Water	200	
680-115501-14	GKMTW31_081015	Total/NA	Water	200	
680-115501-15	GKMTW32_081015	Total/NA	Water	200	
680-115501-16	GKMTW33_081015	Total/NA	Water	200	
680-115501-17	GKMTW34_081015	Total/NA	Water	200	
680-115501-18	GKMTW35_081015	Total/NA	Water	200	
680-115501-19	GKMTW37_081015	Total/NA	Water	200	
680-115501-20	GKMTW38_081015	Total/NA	Water	200	
680-115501-21	GKMTW39_081015	Total/NA	Water	200	
680-115501-22	GKMTW40_081015	Total/NA	Water	200	
LCS 680-395745/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-395745/1-A	Method Blank	Total/NA	Water	200	

Prep Batch: 395747

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115501-5	GKMTW 36_081015	Total/NA	Water	200	
680-115501-6	GKMTW22_081015	Total/NA	Water	200	
680-115501-7	GKMTW23_081015	Total/NA	Water	200	
680-115501-8	GKMTW24_081015	Total/NA	Water	200	
680-115501-8 MS	GKMTW24_081015	Total/NA	Water	200	
680-115501-8 MSD	GKMTW24_081015	Total/NA	Water	200	
680-115501-9	GKMTW25_081015	Total/NA	Water	200	
680-115501-9 MS	GKMTW25_081015	Total/NA	Water	200	
680-115501-9 MSD	GKMTW25_081015	Total/NA	Water	200	
680-115501-10	GKMTW26_081015	Total/NA	Water	200	
680-115501-11	GKMTW27_081015	Total/NA	Water	200	
680-115501-12	GKMTW28_081015	Total/NA	Water	200	
680-115501-13	GKMTW29_081015	Total/NA	Water	200	
680-115501-14	GKMTW31_081015	Total/NA	Water	200	
680-115501-15	GKMTW32_081015	Total/NA	Water	200	
680-115501-16	GKMTW33_081015	Total/NA	Water	200	
680-115501-17	GKMTW34_081015	Total/NA	Water	200	
680-115501-18	GKMTW35_081015	Total/NA	Water	200	
680-115501-19	GKMTW37_081015	Total/NA	Water	200	
680-115501-20	GKMTW38_081015	Total/NA	Water	200	
680-115501-21	GKMTW39_081015	Total/NA	Water	200	
680-115501-22	GKMTW40_081015	Total/NA	Water	200	
LCS 680-395747/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-395747/1-A	Method Blank	Total/NA	Water	200	

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Prep Batch: 395798

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115501-1	A68_081015	Dissolved	Water	200	
680-115501-1	A68_081015	Total/NA	Water	200	
680-115501-2	A72_081015	Dissolved	Water	200	
680-115501-2	A72_081015	Total/NA	Water	200	
680-115501-3	CC48_081015	Dissolved	Water	200	
680-115501-3	CC48_081015	Total/NA	Water	200	
680-115501-4	GKMSW09_081015	Dissolved	Water	200	
680-115501-4	GKMSW09_081015	Total/NA	Water	200	
LCS 680-395798/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-395798/1-A	Method Blank	Total/NA	Water	200	

Prep Batch: 395800

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115501-1	A68_081015	Dissolved	Water	200	
680-115501-1	A68_081015	Total/NA	Water	200	
680-115501-2	A72_081015	Dissolved	Water	200	
680-115501-2	A72_081015	Total/NA	Water	200	
680-115501-3	CC48_081015	Dissolved	Water	200	
680-115501-3	CC48_081015	Total/NA	Water	200	
680-115501-4	GKMSW09_081015	Dissolved	Water	200	
680-115501-4	GKMSW09_081015	Total/NA	Water	200	
LCS 680-395800/2-A	Lab Control Sample	Total/NA	Water	200	
MB 680-395800/1-A	Method Blank	Total/NA	Water	200	

Prep Batch: 395807

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115501-5	GKMTW 36_081015	Total/NA	Water	245.1	
680-115501-6	GKMTW22_081015	Total/NA	Water	245.1	
680-115501-7	GKMTW23_081015	Total/NA	Water	245.1	
680-115501-10	GKMTW26_081015	Total/NA	Water	245.1	
680-115501-11	GKMTW27_081015	Total/NA	Water	245.1	
680-115501-12	GKMTW28_081015	Total/NA	Water	245.1	
680-115501-13	GKMTW29_081015	Total/NA	Water	245.1	
680-115501-14	GKMTW31_081015	Total/NA	Water	245.1	
680-115501-15	GKMTW32_081015	Total/NA	Water	245.1	
680-115501-16	GKMTW33_081015	Total/NA	Water	245.1	
680-115501-17	GKMTW34_081015	Total/NA	Water	245.1	
680-115501-18	GKMTW35_081015	Total/NA	Water	245.1	
680-115501-19	GKMTW37_081015	Total/NA	Water	245.1	
680-115501-20	GKMTW38_081015	Total/NA	Water	245.1	
680-115501-21	GKMTW39_081015	Total/NA	Water	245.1	
680-115501-22	GKMTW40_081015	Total/NA	Water	245.1	
LCS 680-395807/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 680-395807/1-A	Method Blank	Total/NA	Water	245.1	

Prep Batch: 395813

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115501-1	A68_081015	Dissolved	Water	245.1	
680-115501-1	A68_081015	Total/NA	Water	245.1	
680-115501-2	A72_081015	Dissolved	Water	245.1	
680-115501-2	A72_081015	Total/NA	Water	245.1	
680-115501-3	CC48_081015	Dissolved	Water	245.1	
680-115501-3	CC48_081015	Total/NA	Water	245.1	

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Metals (Continued)

Prep Batch: 395813 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115501-4	GKMSW09_081015	Dissolved	Water	245.1	
680-115501-4	GKMSW09_081015	Total/NA	Water	245.1	
680-115501-8	GKMTW24_081015	Total/NA	Water	245.1	
680-115501-9	GKMTW25_081015	Total/NA	Water	245.1	
LCS 680-395813/2-A	Lab Control Sample	Total/NA	Water	245.1	
MB 680-395813/1-A	Method Blank	Total/NA	Water	245.1	

Analysis Batch: 395943

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115501-1	A68_081015	Dissolved	Water	200.7 Rev 4.4	395800
680-115501-1	A68_081015	Total/NA	Water	200.7 Rev 4.4	395800
680-115501-2	A72_081015	Dissolved	Water	200.7 Rev 4.4	395800
680-115501-2	A72_081015	Total/NA	Water	200.7 Rev 4.4	395800
680-115501-3	CC48_081015	Dissolved	Water	200.7 Rev 4.4	395800
680-115501-3	CC48_081015	Total/NA	Water	200.7 Rev 4.4	395800
680-115501-4	GKMSW09_081015	Dissolved	Water	200.7 Rev 4.4	395800
680-115501-4	GKMSW09_081015	Dissolved	Water	200.7 Rev 4.4	395800
680-115501-4	GKMSW09_081015	Total/NA	Water	200.7 Rev 4.4	395800
680-115501-4	GKMSW09_081015	Total/NA	Water	200.7 Rev 4.4	395800
680-115501-5	GKMTW 36_081015	Total/NA	Water	200.7 Rev 4.4	395747
680-115501-6	GKMTW22_081015	Total/NA	Water	200.7 Rev 4.4	395747
680-115501-6	GKMTW22_081015	Total/NA	Water	200.7 Rev 4.4	395747
680-115501-7	GKMTW23_081015	Total/NA	Water	200.7 Rev 4.4	395747
680-115501-8	GKMTW24_081015	Total/NA	Water	200.7 Rev 4.4	395747
680-115501-8 MS	GKMTW24_081015	Total/NA	Water	200.7 Rev 4.4	395747
680-115501-8 MSD	GKMTW24_081015	Total/NA	Water	200.7 Rev 4.4	395747
680-115501-9	GKMTW25_081015	Total/NA	Water	200.7 Rev 4.4	395747
680-115501-9 MS	GKMTW25_081015	Total/NA	Water	200.7 Rev 4.4	395747
680-115501-9 MSD	GKMTW25_081015	Total/NA	Water	200.7 Rev 4.4	395747
680-115501-10	GKMTW26_081015	Total/NA	Water	200.7 Rev 4.4	395747
680-115501-11	GKMTW27_081015	Total/NA	Water	200.7 Rev 4.4	395747
680-115501-12	GKMTW28_081015	Total/NA	Water	200.7 Rev 4.4	395747
680-115501-13	GKMTW29_081015	Total/NA	Water	200.7 Rev 4.4	395747
680-115501-14	GKMTW31_081015	Total/NA	Water	200.7 Rev 4.4	395747
680-115501-15	GKMTW32_081015	Total/NA	Water	200.7 Rev 4.4	395747
680-115501-16	GKMTW33_081015	Total/NA	Water	200.7 Rev 4.4	395747
680-115501-17	GKMTW34_081015	Total/NA	Water	200.7 Rev 4.4	395747
680-115501-18	GKMTW35_081015	Total/NA	Water	200.7 Rev 4.4	395747
680-115501-19	GKMTW37_081015	Total/NA	Water	200.7 Rev 4.4	395747
680-115501-20	GKMTW38_081015	Total/NA	Water	200.7 Rev 4.4	395747
680-115501-20	GKMTW38_081015	Total/NA	Water	200.7 Rev 4.4	395747
680-115501-21	GKMTW39_081015	Total/NA	Water	200.7 Rev 4.4	395747
680-115501-21	GKMTW39_081015	Total/NA	Water	200.7 Rev 4.4	395747
680-115501-22	GKMTW40_081015	Total/NA	Water	200.7 Rev 4.4	395747
680-115501-22	GKMTW40_081015	Total/NA	Water	200.7 Rev 4.4	395747
LCS 680-395747/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	395747
LCS 680-395800/2-A	Lab Control Sample	Total/NA	Water	200.7 Rev 4.4	395800
MB 680-395747/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	395747
MB 680-395800/1-A	Method Blank	Total/NA	Water	200.7 Rev 4.4	395800

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Metals (Continued)

Analysis Batch: 395950

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115501-1	A68_081015	Total/NA	Water	2340B-2011	
680-115501-2	A72_081015	Total/NA	Water	2340B-2011	
680-115501-3	CC48_081015	Total/NA	Water	2340B-2011	
680-115501-4	GKMSW09_081015	Total/NA	Water	2340B-2011	
680-115501-5	GKMTW 36_081015	Total/NA	Water	2340B-2011	
680-115501-6	GKMTW22_081015	Total/NA	Water	2340B-2011	
680-115501-7	GKMTW23_081015	Total/NA	Water	2340B-2011	
680-115501-8	GKMTW24_081015	Total/NA	Water	2340B-2011	
680-115501-9	GKMTW25_081015	Total/NA	Water	2340B-2011	
680-115501-10	GKMTW26_081015	Total/NA	Water	2340B-2011	
680-115501-11	GKMTW27_081015	Total/NA	Water	2340B-2011	
680-115501-12	GKMTW28_081015	Total/NA	Water	2340B-2011	
680-115501-13	GKMTW29_081015	Total/NA	Water	2340B-2011	
680-115501-14	GKMTW31_081015	Total/NA	Water	2340B-2011	
680-115501-15	GKMTW32_081015	Total/NA	Water	2340B-2011	
680-115501-16	GKMTW33_081015	Total/NA	Water	2340B-2011	
680-115501-17	GKMTW34_081015	Total/NA	Water	2340B-2011	
680-115501-18	GKMTW35_081015	Total/NA	Water	2340B-2011	
680-115501-19	GKMTW37_081015	Total/NA	Water	2340B-2011	
680-115501-20	GKMTW38_081015	Total/NA	Water	2340B-2011	
680-115501-21	GKMTW39_081015	Total/NA	Water	2340B-2011	
680-115501-22	GKMTW40_081015	Total/NA	Water	2340B-2011	
MB 680-395950/34	Method Blank	Total/NA	Water	2340B-2011	
MB 680-395950/55	Method Blank	Total/NA	Water	2340B-2011	

Analysis Batch: 395956

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115501-1	A68_081015	Dissolved	Water	200.8	395798
680-115501-1	A68_081015	Total/NA	Water	200.8	395798
680-115501-2	A72_081015	Dissolved	Water	200.8	395798
680-115501-2	A72_081015	Total/NA	Water	200.8	395798
680-115501-3	CC48_081015	Dissolved	Water	200.8	395798
680-115501-3	CC48_081015	Total/NA	Water	200.8	395798
680-115501-4	GKMSW09_081015	Dissolved	Water	200.8	395798
680-115501-4	GKMSW09_081015	Total/NA	Water	200.8	395798
680-115501-5	GKMTW 36_081015	Total/NA	Water	200.8	395745
680-115501-6	GKMTW22_081015	Total/NA	Water	200.8	395745
680-115501-7	GKMTW23_081015	Total/NA	Water	200.8	395745
680-115501-8	GKMTW24_081015	Total/NA	Water	200.8	395745
680-115501-8 MS	GKMTW24_081015	Total/NA	Water	200.8	395745
680-115501-8 MSD	GKMTW24_081015	Total/NA	Water	200.8	395745
680-115501-9	GKMTW25_081015	Total/NA	Water	200.8	395745
680-115501-9 MS	GKMTW25_081015	Total/NA	Water	200.8	395745
680-115501-9 MSD	GKMTW25_081015	Total/NA	Water	200.8	395745
680-115501-10	GKMTW26_081015	Total/NA	Water	200.8	395745
680-115501-11	GKMTW27_081015	Total/NA	Water	200.8	395745
680-115501-12	GKMTW28_081015	Total/NA	Water	200.8	395745
680-115501-13	GKMTW29_081015	Total/NA	Water	200.8	395745
680-115501-14	GKMTW31_081015	Total/NA	Water	200.8	395745
680-115501-15	GKMTW32_081015	Total/NA	Water	200.8	395745
680-115501-16	GKMTW33_081015	Total/NA	Water	200.8	395745

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Metals (Continued)

Analysis Batch: 395956 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115501-17	GKMTW34_081015	Total/NA	Water	200.8	395745
680-115501-18	GKMTW35_081015	Total/NA	Water	200.8	395745
680-115501-19	GKMTW37_081015	Total/NA	Water	200.8	395745
680-115501-20	GKMTW38_081015	Total/NA	Water	200.8	395745
680-115501-21	GKMTW39_081015	Total/NA	Water	200.8	395745
680-115501-22	GKMTW40_081015	Total/NA	Water	200.8	395745
LCS 680-395745/2-A	Lab Control Sample	Total/NA	Water	200.8	395745
LCS 680-395798/2-A	Lab Control Sample	Total/NA	Water	200.8	395798
MB 680-395745/1-A	Method Blank	Total/NA	Water	200.8	395745
MB 680-395798/1-A	Method Blank	Total/NA	Water	200.8	395798

Analysis Batch: 395958

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115501-1	A68_081015	Dissolved	Water	245.1	395813
680-115501-1	A68_081015	Total/NA	Water	245.1	395813
680-115501-2	A72_081015	Dissolved	Water	245.1	395813
680-115501-2	A72_081015	Total/NA	Water	245.1	395813
680-115501-3	CC48_081015	Dissolved	Water	245.1	395813
680-115501-3	CC48_081015	Total/NA	Water	245.1	395813
680-115501-4	GKMSW09_081015	Dissolved	Water	245.1	395813
680-115501-4	GKMSW09_081015	Total/NA	Water	245.1	395813
680-115501-8	GKMTW24_081015	Total/NA	Water	245.1	395813
680-115501-9	GKMTW25_081015	Total/NA	Water	245.1	395813
LCS 680-395813/2-A	Lab Control Sample	Total/NA	Water	245.1	395813
MB 680-395813/1-A	Method Blank	Total/NA	Water	245.1	395813

Analysis Batch: 395972

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115501-5	GKMTW 36_081015	Total/NA	Water	245.1	395807
680-115501-6	GKMTW22_081015	Total/NA	Water	245.1	395807
680-115501-7	GKMTW23_081015	Total/NA	Water	245.1	395807
680-115501-10	GKMTW26_081015	Total/NA	Water	245.1	395807
680-115501-11	GKMTW27_081015	Total/NA	Water	245.1	395807
680-115501-12	GKMTW28_081015	Total/NA	Water	245.1	395807
680-115501-13	GKMTW29_081015	Total/NA	Water	245.1	395807
680-115501-14	GKMTW31_081015	Total/NA	Water	245.1	395807
680-115501-15	GKMTW32_081015	Total/NA	Water	245.1	395807
680-115501-16	GKMTW33_081015	Total/NA	Water	245.1	395807
680-115501-17	GKMTW34_081015	Total/NA	Water	245.1	395807
680-115501-18	GKMTW35_081015	Total/NA	Water	245.1	395807
680-115501-19	GKMTW37_081015	Total/NA	Water	245.1	395807
680-115501-20	GKMTW38_081015	Total/NA	Water	245.1	395807
680-115501-21	GKMTW39_081015	Total/NA	Water	245.1	395807
680-115501-22	GKMTW40_081015	Total/NA	Water	245.1	395807
LCS 680-395807/2-A	Lab Control Sample	Total/NA	Water	245.1	395807
MB 680-395807/1-A	Method Blank	Total/NA	Water	245.1	395807

TestAmerica Savannah

QC Association Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

General Chemistry

Analysis Batch: 395729

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
680-115501-1	A68_081015	Total/NA	Water	2540 D-2011	
680-115501-2	A72_081015	Total/NA	Water	2540 D-2011	
680-115501-3	CC48_081015	Total/NA	Water	2540 D-2011	
680-115501-4	GKMSW09_081015	Total/NA	Water	2540 D-2011	
LCS 680-395729/2	Lab Control Sample	Total/NA	Water	2540 D-2011	
LCSD 680-395729/3	Lab Control Sample Dup	Total/NA	Water	2540 D-2011	
MB 680-395729/1	Method Blank	Total/NA	Water	2540 D-2011	

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: A68_081015

Date Collected: 08/10/15 16:15

Date Received: 08/12/15 09:46

Lab Sample ID: 680-115501-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200			50 mL	50 mL	395800	08/12/15 17:28	BJB	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4 Instrument ID: ICPF		1	50 mL	50 mL	395943	08/13/15 08:01	BCB	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	395800	08/12/15 17:28	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4 Instrument ID: ICPF		1	50 mL	50 mL	395943	08/13/15 06:13	BCB	TAL SAV
Dissolved	Prep	200			50 mL	50 mL	395798	08/12/15 17:28	BJB	TAL SAV
Dissolved	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	395956	08/13/15 09:53	BWR	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	395798	08/12/15 17:28	BJB	TAL SAV
Total/NA	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	395956	08/13/15 08:07	BWR	TAL SAV
Total/NA	Analysis	2340B-2011 Instrument ID: ICPF		1			395950	08/13/15 12:13	BCB	TAL SAV
Dissolved	Prep	245.1			50 mL	50 mL	395813	08/12/15 18:23	CRW	TAL SAV
Dissolved	Analysis	245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	395958	08/13/15 09:28	BCB	TAL SAV
Total/NA	Prep	245.1			50 mL	50 mL	395813	08/12/15 18:23	CRW	TAL SAV
Total/NA	Analysis	245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	395958	08/13/15 09:50	BCB	TAL SAV
Total/NA	Analysis	2540 D-2011 Instrument ID: NOEQUIP		1	1000 mL	1000 mL	395729	08/12/15 14:02	DAM	TAL SAV

Client Sample ID: A72_081015

Date Collected: 08/10/15 17:00

Date Received: 08/12/15 09:46

Lab Sample ID: 680-115501-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200			50 mL	50 mL	395800	08/12/15 17:36	BJB	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4 Instrument ID: ICPF		1	50 mL	50 mL	395943	08/13/15 08:05	BCB	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	395800	08/12/15 17:28	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4 Instrument ID: ICPF		1	50 mL	50 mL	395943	08/13/15 06:17	BCB	TAL SAV
Dissolved	Prep	200			50 mL	50 mL	395798	08/12/15 17:36	BJB	TAL SAV
Dissolved	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	395956	08/13/15 09:57	BWR	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	395798	08/12/15 17:28	BJB	TAL SAV
Total/NA	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	395956	08/13/15 08:11	BWR	TAL SAV
Total/NA	Analysis	2340B-2011 Instrument ID: ICPF		1			395950	08/13/15 12:13	BCB	TAL SAV
Dissolved	Prep	245.1			50 mL	50 mL	395813	08/12/15 18:23	CRW	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: A72_081015

Lab Sample ID: 680-115501-2

Date Collected: 08/10/15 17:00

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Analysis	245.1		1	50 mL	50 mL	395958	08/13/15 09:32	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	395813	08/12/15 18:23	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	395958	08/13/15 09:54	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2540 D-2011		1	400 mL	1000 mL	395729	08/12/15 14:02	DAM	TAL SAV
		Instrument ID: NOEQUIP								

Client Sample ID: CC48_081015

Lab Sample ID: 680-115501-3

Date Collected: 08/10/15 15:50

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200			50 mL	50 mL	395800	08/12/15 17:36	BJB	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	395943	08/13/15 08:10	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	200			50 mL	50 mL	395800	08/12/15 17:28	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	395943	08/13/15 06:22	BCB	TAL SAV
		Instrument ID: ICPF								
Dissolved	Prep	200			50 mL	50 mL	395798	08/12/15 17:36	BJB	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	395956	08/13/15 10:01	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Prep	200			50 mL	50 mL	395798	08/12/15 17:28	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	395956	08/13/15 08:15	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			395950	08/13/15 12:13	BCB	TAL SAV
		Instrument ID: ICPF								
Dissolved	Prep	245.1			50 mL	50 mL	395813	08/12/15 18:23	CRW	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	395958	08/13/15 09:35	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	395813	08/12/15 18:23	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	395958	08/13/15 09:57	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2540 D-2011		1	300 mL	1000 mL	395729	08/12/15 14:02	DAM	TAL SAV
		Instrument ID: NOEQUIP								

Client Sample ID: GKMSW09_081015

Lab Sample ID: 680-115501-4

Date Collected: 08/10/15 10:45

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200			50 mL	50 mL	395800	08/12/15 17:39	BJB	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	395943	08/13/15 08:23	BCB	TAL SAV
		Instrument ID: ICPF								

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: GKMSW09_081015

Lab Sample ID: 680-115501-4

Date Collected: 08/10/15 10:45

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Dissolved	Prep	200			50 mL	50 mL	395800	08/12/15 17:39	BJB	TAL SAV
Dissolved	Analysis	200.7 Rev 4.4		10	50 mL	50 mL	395943	08/13/15 10:51	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	200			50 mL	50 mL	395800	08/12/15 17:28	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	395943	08/13/15 06:35	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	200			50 mL	50 mL	395800	08/12/15 17:28	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		10	50 mL	50 mL	395943	08/13/15 10:47	BCB	TAL SAV
		Instrument ID: ICPF								
Dissolved	Prep	200			50 mL	50 mL	395798	08/12/15 17:39	BJB	TAL SAV
Dissolved	Analysis	200.8		1	50 mL	50 mL	395956	08/13/15 10:05	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Prep	200			50 mL	50 mL	395798	08/12/15 17:28	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	395956	08/13/15 08:19	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			395950	08/13/15 12:13	BCB	TAL SAV
		Instrument ID: ICPF								
Dissolved	Prep	245.1			50 mL	50 mL	395813	08/12/15 18:23	CRW	TAL SAV
Dissolved	Analysis	245.1		1	50 mL	50 mL	395958	08/13/15 09:38	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Prep	245.1			50 mL	50 mL	395813	08/12/15 18:23	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	395958	08/13/15 10:13	BCB	TAL SAV
		Instrument ID: LEEMAN2								
Total/NA	Analysis	2540 D-2011		1	300 mL	1000 mL	395729	08/12/15 14:02	DAM	TAL SAV
		Instrument ID: NOEQUIP								

Client Sample ID: GKMTW 36_081015

Lab Sample ID: 680-115501-5

Date Collected: 08/10/15 14:00

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	395747	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	395943	08/13/15 04:20	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	200			50 mL	50 mL	395745	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	395956	08/13/15 01:16	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			395950	08/13/15 12:09	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	245.1			50 mL	50 mL	395807	08/12/15 18:16	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	395972	08/13/15 11:58	BCB	TAL SAV
		Instrument ID: LEEMAN2								

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: GKMTW22_081015

Lab Sample ID: 680-115501-6

Date Collected: 08/10/15 09:29

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	395747	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	395943	08/13/15 05:23	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	200			50 mL	50 mL	395747	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		10	50 mL	50 mL	395943	08/13/15 10:35	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	200			50 mL	50 mL	395745	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	395956	08/13/15 02:12	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			395950	08/13/15 12:13	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	245.1			50 mL	50 mL	395807	08/12/15 18:16	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	395972	08/13/15 12:48	BCB	TAL SAV
		Instrument ID: LEEMAN2								

Client Sample ID: GKMTW23_081015

Lab Sample ID: 680-115501-7

Date Collected: 08/10/15 11:40

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	395747	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	395943	08/13/15 05:14	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	200			50 mL	50 mL	395745	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	395956	08/13/15 02:04	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			395950	08/13/15 12:09	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	245.1			50 mL	50 mL	395807	08/12/15 18:16	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	395972	08/13/15 12:35	BCB	TAL SAV
		Instrument ID: LEEMAN2								

Client Sample ID: GKMTW24_081015

Lab Sample ID: 680-115501-8

Date Collected: 08/10/15 12:15

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	395747	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	395943	08/13/15 03:58	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	200			50 mL	50 mL	395745	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	395956	08/13/15 00:55	BWR	TAL SAV
		Instrument ID: ICPMSC								

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: GKMTW24_081015

Lab Sample ID: 680-115501-8

Date Collected: 08/10/15 12:15

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	2340B-2011		1			395950	08/13/15 12:09	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	245.1			50 mL	50 mL	395813	08/12/15 18:23	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	395958	08/13/15 09:25	BCB	TAL SAV
		Instrument ID: LEEMAN2								

Client Sample ID: GKMTW25_081015

Lab Sample ID: 680-115501-9

Date Collected: 08/10/15 12:44

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	395747	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	395943	08/13/15 03:35	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	200			50 mL	50 mL	395745	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	395956	08/13/15 00:35	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			395950	08/13/15 12:09	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	245.1			50 mL	50 mL	395813	08/12/15 18:23	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	395958	08/13/15 09:22	BCB	TAL SAV
		Instrument ID: LEEMAN2								

Client Sample ID: GKMTW26_081015

Lab Sample ID: 680-115501-10

Date Collected: 08/10/15 14:40

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	395747	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	395943	08/13/15 04:56	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	200			50 mL	50 mL	395745	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	395956	08/13/15 01:40	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			395950	08/13/15 12:09	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	245.1			50 mL	50 mL	395807	08/12/15 18:16	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	395972	08/13/15 12:23	BCB	TAL SAV
		Instrument ID: LEEMAN2								

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: GKMTW27_081015

Lab Sample ID: 680-115501-11

Date Collected: 08/10/15 15:20

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	395747	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	395943	08/13/15 05:28	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	200			50 mL	50 mL	395745	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	395956	08/13/15 02:16	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			395950	08/13/15 12:13	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	245.1			50 mL	50 mL	395807	08/12/15 18:16	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	395972	08/13/15 12:51	BCB	TAL SAV
		Instrument ID: LEEMAN2								

Client Sample ID: GKMTW28_081015

Lab Sample ID: 680-115501-12

Date Collected: 08/10/15 15:56

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	395747	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	395943	08/13/15 05:10	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	200			50 mL	50 mL	395745	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	395956	08/13/15 02:00	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			395950	08/13/15 12:09	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	245.1			50 mL	50 mL	395807	08/12/15 18:16	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	395972	08/13/15 12:32	BCB	TAL SAV
		Instrument ID: LEEMAN2								

Client Sample ID: GKMTW29_081015

Lab Sample ID: 680-115501-13

Date Collected: 08/10/15 16:53

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	395747	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	395943	08/13/15 04:29	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	200			50 mL	50 mL	395745	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	395956	08/13/15 01:24	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			395950	08/13/15 12:09	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	245.1			50 mL	50 mL	395807	08/12/15 18:16	CRW	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: GKMTW29_081015

Lab Sample ID: 680-115501-13

Date Collected: 08/10/15 16:53

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	245.1		1	50 mL	50 mL	395972	08/13/15 12:11	BCB	TAL SAV
Instrument ID: LEEMAN2										

Client Sample ID: GKMTW31_081015

Lab Sample ID: 680-115501-14

Date Collected: 08/10/15 09:30

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	395747	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	395943	08/13/15 05:01	BCB	TAL SAV
Instrument ID: ICPF										
Total/NA	Prep	200			50 mL	50 mL	395745	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	395956	08/13/15 01:44	BWR	TAL SAV
Instrument ID: ICPMSC										
Total/NA	Analysis	2340B-2011		1			395950	08/13/15 12:09	BCB	TAL SAV
Instrument ID: ICPF										
Total/NA	Prep	245.1			50 mL	50 mL	395807	08/12/15 18:16	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	395972	08/13/15 12:26	BCB	TAL SAV
Instrument ID: LEEMAN2										

Client Sample ID: GKMTW32_081015

Lab Sample ID: 680-115501-15

Date Collected: 08/10/15 10:00

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	395747	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	395943	08/13/15 04:52	BCB	TAL SAV
Instrument ID: ICPF										
Total/NA	Prep	200			50 mL	50 mL	395745	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	395956	08/13/15 01:36	BWR	TAL SAV
Instrument ID: ICPMSC										
Total/NA	Analysis	2340B-2011		1			395950	08/13/15 12:13	BCB	TAL SAV
Instrument ID: ICPF										
Total/NA	Prep	245.1			50 mL	50 mL	395807	08/12/15 18:16	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	395972	08/13/15 12:20	BCB	TAL SAV
Instrument ID: LEEMAN2										

Client Sample ID: GKMTW33_081015

Lab Sample ID: 680-115501-16

Date Collected: 08/10/15 10:30

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	395747	08/12/15 15:04	BJB	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: GKMTW33_081015

Lab Sample ID: 680-115501-16

Date Collected: 08/10/15 10:30

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	200.7 Rev 4.4 Instrument ID: ICPF		1	50 mL	50 mL	395943	08/13/15 05:05	BCB	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	395745	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	395956	08/13/15 01:48	BWR	TAL SAV
Total/NA	Analysis	2340B-2011 Instrument ID: ICPF		1			395950	08/13/15 12:09	BCB	TAL SAV
Total/NA	Prep	245.1			50 mL	50 mL	395807	08/12/15 18:16	CRW	TAL SAV
Total/NA	Analysis	245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	395972	08/13/15 12:29	BCB	TAL SAV

Client Sample ID: GKMTW34_081015

Lab Sample ID: 680-115501-17

Date Collected: 08/10/15 11:15

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	395747	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4 Instrument ID: ICPF		1	50 mL	50 mL	395943	08/13/15 04:34	BCB	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	395745	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	395956	08/13/15 01:28	BWR	TAL SAV
Total/NA	Analysis	2340B-2011 Instrument ID: ICPF		1			395950	08/13/15 12:09	BCB	TAL SAV
Total/NA	Prep	245.1			50 mL	50 mL	395807	08/12/15 18:16	CRW	TAL SAV
Total/NA	Analysis	245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	395972	08/13/15 12:14	BCB	TAL SAV

Client Sample ID: GKMTW35_081015

Lab Sample ID: 680-115501-18

Date Collected: 08/10/15 11:30

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	395747	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4 Instrument ID: ICPF		1	50 mL	50 mL	395943	08/13/15 05:41	BCB	TAL SAV
Total/NA	Prep	200			50 mL	50 mL	395745	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.8 Instrument ID: ICPMSC		1	50 mL	50 mL	395956	08/13/15 02:20	BWR	TAL SAV
Total/NA	Analysis	2340B-2011 Instrument ID: ICPF		1			395950	08/13/15 12:09	BCB	TAL SAV
Total/NA	Prep	245.1			50 mL	50 mL	395807	08/12/15 18:16	CRW	TAL SAV
Total/NA	Analysis	245.1 Instrument ID: LEEMAN2		1	50 mL	50 mL	395972	08/13/15 12:54	BCB	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: GKMTW37_081015

Lab Sample ID: 680-115501-19

Date Collected: 08/10/15 14:00

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	395747	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	395943	08/13/15 04:47	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	200			50 mL	50 mL	395745	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	395956	08/13/15 01:32	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			395950	08/13/15 12:09	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	245.1			50 mL	50 mL	395807	08/12/15 18:16	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	395972	08/13/15 12:17	BCB	TAL SAV
		Instrument ID: LEEMAN2								

Client Sample ID: GKMTW38_081015

Lab Sample ID: 680-115501-20

Date Collected: 08/10/15 16:00

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	395747	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	395943	08/13/15 05:19	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	200			50 mL	50 mL	395747	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		10	50 mL	50 mL	395943	08/13/15 10:31	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	200			50 mL	50 mL	395745	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	395956	08/13/15 02:08	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			395950	08/13/15 12:09	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	245.1			50 mL	50 mL	395807	08/12/15 18:16	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	395972	08/13/15 12:38	BCB	TAL SAV
		Instrument ID: LEEMAN2								

Client Sample ID: GKMTW39_081015

Lab Sample ID: 680-115501-21

Date Collected: 08/10/15 17:00

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	395747	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	395943	08/13/15 05:46	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	200			50 mL	50 mL	395747	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		10	50 mL	50 mL	395943	08/13/15 10:39	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	200			50 mL	50 mL	395745	08/12/15 15:04	BJB	TAL SAV

TestAmerica Savannah

Lab Chronicle

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Client Sample ID: GKMTW39_081015

Lab Sample ID: 680-115501-21

Date Collected: 08/10/15 17:00

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	200.8		1	50 mL	50 mL	395956	08/13/15 02:24	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			395950	08/13/15 12:13	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	245.1			50 mL	50 mL	395807	08/12/15 18:16	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	395972	08/13/15 12:57	BCB	TAL SAV
		Instrument ID: LEEMAN2								

Client Sample ID: GKMTW40_081015

Lab Sample ID: 680-115501-22

Date Collected: 08/10/15 17:30

Matrix: Water

Date Received: 08/12/15 09:46

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	200			50 mL	50 mL	395747	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		1	50 mL	50 mL	395943	08/13/15 04:25	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	200			50 mL	50 mL	395747	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.7 Rev 4.4		10	50 mL	50 mL	395943	08/13/15 10:28	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	200			50 mL	50 mL	395745	08/12/15 15:04	BJB	TAL SAV
Total/NA	Analysis	200.8		1	50 mL	50 mL	395956	08/13/15 01:20	BWR	TAL SAV
		Instrument ID: ICPMSC								
Total/NA	Analysis	2340B-2011		1			395950	08/13/15 12:09	BCB	TAL SAV
		Instrument ID: ICPF								
Total/NA	Prep	245.1			50 mL	50 mL	395807	08/12/15 18:16	CRW	TAL SAV
Total/NA	Analysis	245.1		1	50 mL	50 mL	395972	08/13/15 12:01	BCB	TAL SAV
		Instrument ID: LEEMAN2								

Laboratory References:

TAL SAV = TestAmerica Savannah, 5102 LaRoche Avenue, Savannah, GA 31404, TEL (912)354-7858

TestAmerica Savannah

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USEPA

Date Shipped: 8/11/2015

Carrier Name: FedEx

Airbill No:

CHAIN OF CUSTODY RECORD

Site #: A8K9

Contact Name:

Contact Phone:

No: 8-081015-184734-0002

Cooler #:

Lab: TestAmerica Laboratories, Inc -
Savannah, GA

Lab Phone: 912-354-7858

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	A68_081015	A68	Suspended Solids (TSS) and Alkalinity	Surface Water	8/10/2015	16:15	1	250 ml Plastic Jar	4 C	N
	A68_081015	A68	Total Recoverable Metals & Mercury	Surface Water	8/10/2015	16:15	1	250 ml Plastic Jar	HNO3 pH<2	N
	A68_081015	A68	Total Dissolved Solids/ Dissolved Metals & Mercury	Surface Water	8/10/2015	16:15	1	250 ml Plastic Jar	4 C	N
	A72_081015	A72	Suspended Solids (TSS) and Alkalinity	Surface Water	8/10/2015	17:00	1	250 ml Plastic Jar	4 C	N
	A72_081015	A72	Total Recoverable Metals & Mercury	Surface Water	8/10/2015	17:00	1	250 ml Plastic Jar	HNO3 pH<2	N
	A72_081015	A72	Total Dissolved Solids/ Dissolved Metals & Mercury	Surface Water	8/10/2015	17:00	1	250 ml Plastic Jar	4 C	N
	CC48_081015	CC48	Suspended Solids (TSS) and Alkalinity	Surface Water	8/10/2015	15:50	1	250 ml Plastic Jar	4 C	N
	CC48_081015	CC48	Total Recoverable Metals & Mercury	Surface Water	8/10/2015	15:50	1	250 ml Plastic Jar	HNO3 pH<2	N
	CC48_081015	CC48	Total Dissolved Solids/ Dissolved Metals & Mercury	Surface Water	8/10/2015	15:50	1	250 ml Plastic Jar	4 C	N
	GKMSW09_081015	GKM09	Suspended Solids (TSS) and Alkalinity	Surface Water	8/10/2015	10:45	1	250 ml Plastic Jar	4 C	N

Special Instructions: Scribe compatible EDD, Dissolved bottles field filtered

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	<i>B. W. Weston</i>	8/11/2015 16:00	<i>[Signature]</i>	8/12/15	TA 9:46 4.2 4.6 5.4 5.8



680-115501 Chain of Custody

USEPA

Date Shipped: 8/11/2015

Carrier Name: FedEx

Airbill No:

CHAIN OF CUSTODY RECORD

Site #: A8K9

Contact Name:

Contact Phone:

No: 8-081015-184734-0002

Cooler #:

Lab: TestAmerica Laboratories, Inc -
Savannah, GA

Lab Phone: 912-354-7858

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	GKMSW09_081015	GKM09	Total Recoverable Metals & Mercury	Surface Water	8/10/2015	10:45	1	250 ml Plastic Jar	HNO3 pH<2	N
	GKMSW09_081015	GKM09	Total Dissolved Solids/ Dissolved Metals & Mercury	Surface Water	8/10/2015	10:45	1	250 ml Plastic Jar	4 C	N
	GKMTW36_081015	GKMTW36	Total Recoverable Metals	Surface Water	8/10/2015	14:00	1	250 ml Plastic Jar	HNO3 pH<2	N
	GKMTW22_081015	GKMTW22	Total Recoverable Metals	Potable Water	8/10/2015	09:29	1	250 ml Plastic Jar	HNO3 pH<2	N
	GKMTW23_081015	GKMTW23	Total Recoverable Metals	Potable Water	8/10/2015	11:40	1	250 ml Plastic Jar	HNO3 pH<2	N
	GKMTW24_081015	GKMTW24	Total Recoverable Metals	Potable Water	8/10/2015	12:15	1	250 ml Plastic Jar	HNO3 pH<2	N
	GKMTW25_081015	GKMTW25	Total Recoverable Metals	Potable Water	8/10/2015	12:44	1	250 ml Plastic Jar	HNO3 pH<2	N
	GKMTW26_081015	GKMTW26	Total Recoverable Metals	Potable Water	8/10/2015	14:40	1	250 ml Plastic Jar	HNO3 pH<2	N
	GKMTW27_081015	GKMTW27	Total Recoverable Metals	Potable Water	8/10/2015	15:20	1	250 ml Plastic Jar	HNO3 pH<2	N
	GKMTW28_081015	GKMTW28	Total Recoverable Metals	Potable Water	8/10/2015	15:56	1	250 ml Plastic Jar	HNO3 pH<2	N

Special Instructions: Scribe compatible EDD, Dissolved bottles field filtered

SAMPLES TRANSFERRED FROM

CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	BWif Weston	8/11/2015	[Signature]	8/14/15	TA 9:40 4.2/4.6 5.4/5.8 680 TISSCH

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USEPA

DateShipped: 8/11/2015

CarrierName: FedEx

AirbillNo:

CHAIN OF CUSTODY RECORD

Site #: A8K9

Contact Name:

Contact Phone:

No: 8-081015-184734-0002

Cooler #:

Lab: TestAmerica Laboratories, Inc -
Savannah, GA

Lab Phone: 912-354-7858

Lab #	Sample #	Location	Analyses	Matrix	Collected	Sample Time	Numb Cont	Container	Preservative	Lab QC
	GKMTW29_081015	GKMTW29	Total Recoverable Metals	Potable Water	8/10/2015	16:53	1	250 ml Plastic Jar	HNO3 pH<2	N
	GKMTW31_081015	GKMTW31	Total Recoverable Metals	Surface Water	8/10/2015	09:30	1	250 ml Plastic Jar	HNO3 pH<2	N
	GKMTW32_081015	GKMTW32	Total Recoverable Metals	Surface Water	8/10/2015	10:00	1	250 ml Plastic Jar	HNO3 pH<2	N
	GKMTW33_081015	GKMTW33	Total Recoverable Metals	Surface Water	8/10/2015	10:30	1	250 ml Plastic Jar	HNO3 pH<2	N
	GKMTW34_081015	GKMTW34	Total Recoverable Metals	Surface Water	8/10/2015	11:15	1	250 ml Plastic Jar	HNO3 pH<2	N
	GKMTW35_081015	GKMTW35	Total Recoverable Metals	Surface Water	8/10/2015	11:30	1	250 ml Plastic Jar	HNO3 pH<2	N
	GKMTW37_081015	GKMTW37	Total Recoverable Metals	Surface Water	8/10/2015	14:00	1	250 ml Plastic Jar	HNO3 pH<2	N
	GKMTW38_081015	GKMTW38	Total Recoverable Metals	Surface Water	8/10/2015	16:00	1	250 ml Plastic Jar	HNO3 pH<2	N
	GKMTW39_081015	GKMTW39	Total Recoverable Metals	Surface Water	8/10/2015	17:00	1	250 ml Plastic Jar	HNO3 pH<2	N
	GKMTW40_081015	GKMTW40	Total Recoverable Metals	Surface Water	8/10/2015	17:30	1	250 ml Plastic Jar	HNO3 pH<2	N

Special Instructions: Scribe compatible EDD, Dissolved bottles field filtered

SAMPLES TRANSFERRED FROM
CHAIN OF CUSTODY #

Items/Reason	Relinquished by (Signature and Organization)	Date/Time	Received by (Signature and Organization)	Date/Time	Sample Condition Upon Receipt
	<i>BW-P Weston</i>	8/11 1600	<i>CPA...</i>	8/12/15 7A 9:40	4.2 4.6 5.4 5.8

Login Sample Receipt Checklist

Client: Weston Solutions, Inc.

Job Number: 680-115501-1

Login Number: 115501

List Number: 1

Creator: Daughtry, Beth A

List Source: TestAmerica Savannah

Question	Answer	Comment
Radioactivity wasn't checked or is \leq background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	N/A	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time.	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	False	Container for TDS/Dissolved Metal & HG were field filtered not properly preserve
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is $<6\text{mm}$ (1/4").	N/A	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

Certification Summary

Client: Weston Solutions, Inc.
Project/Site: Gold King Mine - Region 8

TestAmerica Job ID: 680-115501-1

Laboratory: TestAmerica Savannah

The certifications listed below are applicable to this report.

Authority	Program	EPA Region	Certification ID	Expiration Date
Colorado	State Program	8	N/A	12-31-15
New Mexico	State Program	6	N/A	06-30-16

TestAmerica Savannah